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# United States Department of Agriculture

## Bureau of Markets

# FOOD SURVEYS

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**ANNOUNCEMENT.**—In accordance with the provisions contained in Section 2 of an Act of Congress (Public No. 40, 65th Congress) approved August 10, 1917, the Chief of the Bureau of Markets of the United States Department of Agriculture has been authorized and instructed, as an agent of the Secretary of Agriculture, to take such steps as may be necessary to obtain authoritative information regarding the matters authorized to be investigated under that section.

The Food Surveys Project has been established pursuant to Sections 2 and 8, of the Act, to obtain such information concerning food and food materials as may seem necessary or desirable for the guidance of governmental agencies and the public in

making plans for increasing production, for promoting efficient distribution, and for directing conservation and utilization.

The results of the surveys made under this Project will be published monthly in "Food Surveys," which will be mailed from Washington, D. C., between the fifteenth and twentieth of each month. Special numbers of "Food Surveys" will be issued from time to time as occasion may require. A copy may be obtained on application to "Food Surveys," Bureau of Markets, Room 229, Homer Building, Washington, D. C.

CHARLES J. BRAND, Chief, Bureau of Markets.  
C. W. THOMPSON, In Charge, Food Surveys Project.

## COMMERCIAL STOCKS OF CANNED GOODS ON JULY 1, 1918

NOT INCLUDING RETAIL STOCKS.

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The canned goods for which information is here presented include canned meats, canned soup, canned salmon, canned sardines, canned tomatoes, canned corn, canned peas, canned baked beans, miscellaneous canned vegetables (string beans, lima beans, pumpkin, asparagus, etc.), canned fruits and berries, and preserves, marmalades, jellies, crushed fruits, and fruit sirups.

The total commercial supply of these commodities on hand and in transit, as reported in the Food Survey of July 1, 1918, by manufacturers (including both canners or packers and firms using the canned goods as materials), storage houses, and wholesale dealers were as follows: Canned meats, 60,103,807 pounds; canned soup, 53,925,834 pounds; canned salmon, 141,719,281 pounds; canned sardines, 43,082,944 pounds; canned tomatoes, 116,811,885 pounds; canned corn, 52,326,315 pounds; canned peas, 131,161,336 pounds; canned baked beans, 108,130,411 pounds; miscellaneous canned vegetables, 205,632,497 pounds; canned fruits and berries, 260,131,943 pounds; preserves, marmalades, jellies, crushed fruits, and fruit sirups, 67,922,655 pounds.

The figures for goods in transit were obtained under the following instructions: "Report as in transit the total quantity which you have recently shipped, and which you believe has not been delivered to the purchaser or consignee." The quantities of these commodities thus reported as in transit were as follows: Canned meats, 3,398,721 pounds; canned soup, 767,773 pounds; canned salmon, 4,556,741 pounds; canned sardines, 3,468,390 pounds; canned tomatoes, 1,171,346 pounds; canned corn, 773,405 pounds; canned peas, 2,872,634 pounds; canned baked beans, 9,826,579 pounds; miscellaneous canned vegetables, 7,412,449 pounds; canned fruits and berries, 8,387,557 pounds; preserves, marmalades, jellies, crushed fruits, and fruit sirups, 3,271,580 pounds.

The reports covering the retail stocks of these commodities for July 1, 1918, are in process of tabulation and the figures will be published later. Some idea of the relative importance of the retail stocks may be obtained from the Survey of January 1, 1918, in which it was found that the stocks in the hands of retailers represented the following percentages of the total commercial stocks of the commodities here considered: Canned meats, 12.8 per cent; canned soup, 23.8 per cent; canned salmon, 21.0 per cent; canned sardines, 23.3 per cent; canned tomatoes, 30.8 per cent; canned

corn, 40.7 per cent; canned peas, 38.2 per cent; canned baked beans, 43.9 per cent; miscellaneous canned vegetables, 24.9 per cent; canned fruits and berries, 16.8 per cent; preserves, marmalades, jellies, crushed fruits, and fruit sirups, 27.6 per cent.

The stocks of the commodities here considered were in all cases larger on the date of the Survey than they were one year earlier. While in the case of canned meats, canned sardines, and canned corn the increase in stocks was relatively small, it amounted to a considerable percentage in the case of the other eight commodities. The largest increase was shown in the case of miscellaneous canned vegetables, the stocks of which on the date of the Survey were 56.5 per cent larger than those held by the same firms one year earlier. The percentages of increase for the other commodities were as follows: Canned meats, 2.1 per cent; canned soup, 35.9 per cent; canned salmon, 49.8 per cent; canned sardines, 6.4 per cent; canned tomatoes, 12.8 per cent; canned corn, 0.9 per cent; canned peas, 35.6 per cent; canned baked beans, 46.9 per cent; miscellaneous canned vegetables, 56.5 per cent; canned fruits and berries, 38.8 per cent; preserves, marmalades, jellies, crushed fruits, and fruit sirups, 22.1 per cent.

Some of the most important figures relating to the commodities of this group are presented in summary form in Table 1.

Table 1.—Summary of United States totals—Commercial stocks of canned goods, not including retail stocks.

| COMMODITY.                               | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                 | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|--|--|--|----------------------|-----------------|--|
|  |  | 1918 stocks.   |                      | 1917<br>stocks. |  |
|  |  | Quantity.  | Per cent<br>of 1917. |                 |  |
|  | <i>Pounds.</i>   | <i>Pounds.</i>   |                      | <i>Pounds.</i>  | <i>Pounds.</i>   |
| Canned meats .....                       | 56,705,086   | 48,206,152   | 102.1                | 47,232,834      | 3,398,721  |
| Canned soup .....                        | 53,158,061   | 45,443,685   | 135.9                | 33,446,688      | 767,773  |
| Canned salmon .....                      | 137,162,540  | 111,240,281  | 149.8                | 74,272,489      | 4,556,741  |
| Canned sardines .....                    | 39,614,554   | 27,020,919   | 106.4                | 25,394,940      | 3,468,390  |
| Canned tomatoes .....                    | 115,640,539  | 89,487,503   | 112.8                | 79,311,021      | 1,171,346  |
| Canned corn .....                        | 51,552,910   | 41,463,117   | 100.9                | 41,109,081      | 773,405  |
| Canned peas .....                        | 128,288,702  | 102,633,537  | 135.6                | 75,678,499      | 2,872,634  |
| Canned baked beans .....                 | 98,303,832   | 83,965,567   | 146.9                | 57,145,821      | 9,826,579  |
| Miscellaneous<br>canned vegetables ..... | 198,220,048  | 146,312,980  | 156.5                | 93,501,442      | 7,412,449  |
| Canned fruits and<br>berries .....       | 251,744,386  | 198,218,197  | 138.8                | 142,843,707     | 8,387,557  |
| Preserves, etc. ....                     | 64,651,075   | 53,715,964   | 122.1                | 43,978,392      | 3,271,580  |

## COMMERCIAL STOCKS OF CANNED MEATS

### NOT INCLUDING RETAIL STOCKS.

The commercial stocks of canned meats (including canned sausage and canned poultry), together with the quantities in transit, as reported by classes of business other than retail dealers, in the Food Survey of July 1, 1918, amounted to 60,103,807 pounds. Of this amount, 56,705,086 pounds were reported as on hand and 3,398,721 pounds as in transit. Of the stocks reported as actually on hand by the classes of business here considered, the meat packers held 61.9 per cent; the warehouses, 10.2 per cent; the wholesale dealers, 26.2 per cent; and a miscellaneous group of firms, 1.7 per cent. The stocks reported by each of these classes of business concerns, as well as by several subclasses, are given in the first column of Table 2. The quantities reported as in transit are also given, in the last column of the table. The relative stocks reported by the several classes above enumerated are shown in graphic form in Diagram 1.

The number of reports received and tabulated for canned meats is shown, by classes of business, in Table 3.

Table 2.—Stocks of canned meats reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

| CLASS OF BUSINESS.              | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                              |                             | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|---------------------------------|--|--|----------------------|------------------------------|-----------------------------|--|
|                                 |  | 1918 stocks.   |                      | 1917<br>stocks.              |                             |  |
|                                 |  | Quantity.  | Per cent<br>of 1917. |                              |                             |  |
| Total-----                      | <i>Pounds.</i><br>56,705,086                                     | <i>Pounds.</i><br>48,206,152   | 102.1                | <i>Pounds.</i><br>47,232,834 | <i>Pounds.</i><br>3,398,721 |  |
| Meat packers-----               | 35,127,051   | 33,451,776   | 104.5                | 31,996,138                   | 2,634,026                   |  |
| Warehouses-----                 | 5,782,527  | 1,434,744  | 87.6                 | 1,637,245                    | 862                         |  |
| Wholesale dealers-----          | 14,812,407   | 12,385,226   | 98.2                 | 12,606,198                   | 620,095                     |  |
| Wholesale grocers-----          | 13,410,509   | 11,304,535   | 97.2                 | 11,634,011                   | 602,636                     |  |
| Other wholesale<br>dealers----- | 1,431,898  | 1,080,691  | 111.1                | 972,187                      | 17,459                      |  |
| Miscellaneous-----              | 953,101  | 934,406  | 94.0                 | 993,253                      | 143,738                     |  |
| Canners-----                    | 723,431  | 723,431  | 83.3                 | 868,852                      | 142,800                     |  |
| Other miscellaneous-----        | 229,670  | 210,975  | 17.0                 | 124,401                      | 938                         |  |

Diagram 1.—Distribution of Total Stocks of Canned Meats Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

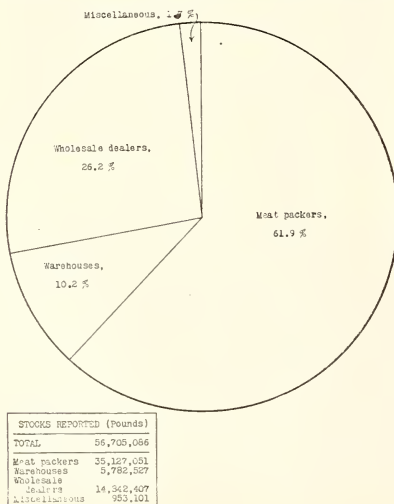


Table 3.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting canned meats.

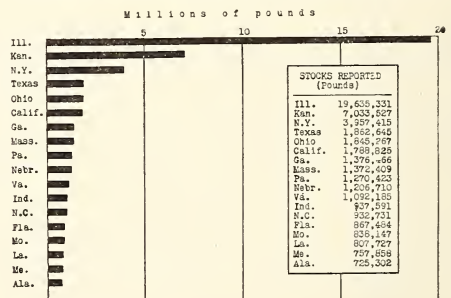
| CLASS OF BUSINESS.           | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|------------------------------|----------------------------------|---|
| Total.....                   | 4,935                            | 3,975                                   |
| Meat packers.....            | 717                              | 674                                     |
| Warehouses.....              | 61                               | 35                                      |
| Wholesale dealers.....       | 3,631                            | 2,928                                   |
| Wholesale grocers.....       | 3,306                            | 2,664                                   |
| Other wholesale dealers..... | 325                              | 264                                     |
| Miscellaneous.....           | 263                              | 169                                     |
| Canners.....                 | 11                               | 11                                      |
| Other miscellaneous.....     | 252                              | 158                                     |

### Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of canned meats here considered is shown in Table 4. The East North Central division far outranked all other geographic divisions in stocks of this commodity reported, the West North Central division ranking second. The figures for individual states indicate that the showing made by the East North Central division was due almost entirely to the state of Illinois, which alone reported considerably more than one-third of the stocks reported for the entire country. The rank of the West North Central division was in large measure due to the state of Kansas, which reported about one-eighth of the total for the United States. The stocks of canned meats reported for the eighteen most important states are represented graphically in Diagram 2.

Figures representing the quantities of canned meats reported as in transit are given by geographic divisions and states in the last column of Table 4.

Diagram 2.—Stocks of Canned Meats Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



### Comparative Figures for 1918 and 1917.

About 85 per cent of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 2, and by geographic divisions and states in Table 5. From these figures it appears that the stocks of the warehouses, the wholesale dealers, and the miscellaneous group of firms were somewhat smaller on the date of the Survey than they were one year earlier. The stocks of the meat packers, the most important class of holders of this commodity, however, were 4.5 per cent larger on the date of the Survey than they were one year earlier. The total stocks of canned meats reported for July 1, 1918, were 2.1 per cent larger than those held by the same firms on July 1, 1917. The relative stocks on the two dates are graphically represented, for the meat packers, the warehouses, and the wholesale dealers, in Diagram 3.



Table 4.—Stocks of canned meats reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |                       |                      |                       |                       |                          |                    | Quantity reported as in transit on July 1, 1918. |
|--------------------------------|--|-----------------------|----------------------|-----------------------|-----------------------|--------------------------|--------------------|--|
|                                | Total.                                   | Meat packers.         | Warehouses.          | Wholesale dealers.    |                       |                          | Miscellaneous.     |  |
|                                |  |                       |                      | Total.                | Wholesale grocers.    | Other wholesale dealers. |                    |  |
| United States.....             | Pounds.<br>56,705,086                    | Pounds.<br>35,127,051 | Pounds.<br>5,782,527 | Pounds.<br>14,842,407 | Pounds.<br>13,410,509 | Pounds.<br>1,431,898     | Pounds.<br>953,101 | Pounds.<br>3,398,721                             |
| GEOGRAPHIC DIVISIONS:          |  |                       |                      |                       |                       |                          |                    |  |
| New England.....               | 2,712,451                                | 1,227,097             | 233,163              | 910,821               | 711,140               | 199,681                  | 341,370            | 44,204   |
| Middle Atlantic.....           | 5,530,688                                | 2,069,355             | 1,806,152            | 1,460,537             | 1,261,993             | 198,544                  | 194,644            | 26,134   |
| East North Central.....        | 22,779,970                               | 18,320,909            | 3,092,994            | 1,149,367             | 1,110,160             | 39,207                   | 216,700            | 2,234,418  |
| West North Central.....        | 10,260,489                               | 8,507,980             | 172,970              | 1,486,995             | 1,439,174             | 47,821                   | 92,544             | 978,424  |
| South Atlantic.....            | 5,916,568                                | 1,978,576             | 199,958              | 3,667,166             | 3,101,943             | 565,223                  | 70,868             | 46,593   |
| East South Central.....        | 1,881,783                                | 293,683               | 131,063              | 1,455,142             | 1,407,561             | 47,581                   | 1,895              | 16,867   |
| West South Central.....        | 3,670,697                                | 825,853               | 32,439               | 2,810,564             | 2,680,432             | 130,132                  | 1,841              | 29,400   |
| Mountain.....                  | 1,424,679                                | 434,152               | 19,213               | 969,034               | 880,455               | 88,579                   | 2,280              | 9,634  |
| Pacific.....                   | 2,527,761                                | 1,469,446             | 94,575               | 932,781               | 817,651               | 115,130                  | 30,959             | 13,047   |
| NEW ENGLAND:                   |  |                       |                      |                       |                       |                          |                    |  |
| Maine.....                     | 757,858                                  | 170,187               | 82,800               | 198,977               | 154,559               | 44,418                   | 305,894            | 34,728   |
| New Hampshire.....             | 96,091                                   | 25,941                | .....                | 69,934                | 39,699                | 30,235                   | 216                | 892  |
| Vermont.....                   | 61,133                                   | 13,642                | .....                | 47,156                | 29,884                | 17,272                   | 335                | 1,115  |
| Massachusetts.....             | 1,372,409                                | 802,481               | 144,399              | 394,120               | 316,957               | 77,163                   | 31,409             | 6,982  |
| Rhode Island.....              | 171,718                                  | 92,357                | 5,964                | 71,343                | 44,731                | 26,612                   | 2,054              | 157  |
| Connecticut.....               | 253,242                                  | 122,489               | .....                | 129,291               | 125,310               | 3,981                    | 1,462              | 330  |
| MIDDLE ATLANTIC:               |  |                       |                      |                       |                       |                          |                    |  |
| New York.....                  | 3,957,415                                | 1,307,623             | 1,698,912            | 912,932               | 757,339               | 155,593                  | 37,948             | 16,736   |
| New Jersey.....                | 302,850                                  | 127,883               | .....                | 72,555                | 60,821                | 11,734                   | 102,412            | 2,450  |
| Pennsylvania.....              | 1,270,423                                | 633,849               | 107,240              | 475,050               | 443,833               | 31,217                   | 54,284             | 6,948  |
| EAST NORTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Ohio.....                      | 1,845,267                                | 1,400,582             | 1,000                | 442,543               | 436,948               | 5,595                    | 1,142              | 42,150   |
| Indiana.....                   | 937,591                                  | 797,779               | .....                | 138,074               | 129,329               | 8,745                    | 1,738              | 120,510  |
| Illinois.....                  | 19,635,331                               | 16,043,514            | 3,091,994            | 304,550               | 293,545               | 11,005                   | 195,273            | 1,570,411  |
| Michigan.....                  | 249,758                                  | 36,730                | .....                | 211,735               | 199,251               | 12,484                   | 1,293              | 500,762  |
| Wisconsin.....                 | 112,023                                  | 42,304                | .....                | 52,465                | 51,087                | 1,378                    | 17,254             | 585  |
| WEST NORTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Minnesota.....                 | 353,503                                  | 94,378                | 3,852                | 255,024               | 247,455               | 7,569                    | 219                | 9,482  |
| Iowa.....                      | 610,607                                  | 272,022               | 375                  | 248,278               | 245,879               | 2,399                    | 89,932             | 3,205  |
| Missouri.....                  | 838,147                                  | 327,997               | 134,128              | 374,255               | 372,995               | 1,260                    | 1,767              | 5,655  |
| North Dakota.....              | 150,659                                  | 78,740                | .....                | 71,915                | 66,796                | 5,119                    | 4                  | 1,904  |
| South Dakota.....              | 67,336                                   | 13,911                | .....                | 53,425                | 53,149                | 276                      | .....              | 1,368  |
| Nebraska.....                  | 1,206,710                                | 1,031,230             | 2,260                | 172,874               | 172,733               | 141                      | 346                | 571,707  |
| Kansas.....                    | 7,033,527                                | 6,689,702             | 32,355               | 311,224               | 286,167               | 31,057                   | 246                | 385,103  |
| SOUTH ATLANTIC:                |  |                       |                      |                       |                       |                          |                    |  |
| Delaware.....                  | 118,223                                  | 43,687                | .....                | 11,840                | 11,767                | 73                       | 62,696             | 5,642  |
| Maryland.....                  | 658,377                                  | 406,577               | 34,600               | 216,949               | 172,148               | 44,801                   | 251                | 6,406  |
| District of Columbia.....      | 91,777                                   | 73,444                | 295                  | 18,038                | 18,038                | .....                    | .....              | 1,218  |
| Virginia.....                  | 1,092,185                                | 338,099               | 124,500              | 628,338               | 518,906               | 109,432                  | 1,248              | 4,001  |
| West Virginia.....             | 341,157                                  | 61,608                | .....                | 276,585               | 274,142               | 2,443                    | 2,964              | 6,737  |
| North Carolina.....            | 932,731                                  | 290,305               | .....                | 639,549               | 395,887               | 243,662                  | 2,877              | 7,638  |
| South Carolina.....            | 438,168                                  | 88,987                | 5,184                | 343,997               | 307,555               | 36,442                   | .....              | 1,030  |
| Georgia.....                   | 1,376,466                                | 348,349               | 35,379               | 992,553               | 894,743               | 97,810                   | 185                | 10,767   |
| Florida.....                   | 867,484                                  | 327,520               | .....                | 539,317               | 508,757               | 30,560                   | 647                | 3,154  |
| EAST SOUTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Kentucky.....                  | 299,353                                  | 30,418                | .....                | 268,598               | 257,278               | 11,320                   | 337                | 2,628  |
| Tennessee.....                 | 390,864                                  | 44,160                | 22,048               | 324,046               | 306,200               | 17,846                   | 610                | 3,938  |
| Alabama.....                   | 725,302                                  | 107,280               | 109,015              | 508,059               | 496,962               | 11,097                   | 948                | 5,318  |
| Mississippi.....               | 466,264                                  | 111,825               | .....                | 354,439               | 347,121               | 7,318                    | .....              | 4,983  |
| WEST SOUTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Arkansas.....                  | 558,340                                  | 36,518                | .....                | 521,793               | 517,049               | 4,744                    | 29                 | 1,448  |
| Louisiana.....                 | 807,727                                  | 298,779               | 11,160               | 497,342               | 453,161               | 44,181                   | 446                | 10,926   |
| Oklahoma.....                  | 441,985                                  | 48,801                | 4,539                | 388,515               | 384,306               | 4,209                    | 130                | 2,753  |
| Texas.....                     | 1,862,645                                | 441,755               | 16,740               | 1,402,914             | 1,325,916             | 76,998                   | 1,236              | 14,273   |
| MOUNTAIN:                      |  |                       |                      |                       |                       |                          |                    |  |
| Montana.....                   | 171,509                                  | 83,493                | .....                | 87,530                | 84,836                | 2,694                    | 486                | 1,813  |
| Idaho.....                     | 187,058                                  | 32,897                | .....                | 154,103               | 143,391               | 10,712                   | 58                 | 650  |
| Wyoming.....                   | 22,910                                   | .....                 | .....                | 22,751                | 22,751                | .....                    | 159                | 760  |
| Colorado.....                  | 278,601                                  | 150,316               | 18,865               | 108,006               | 96,053                | 11,953                   | 1,414              | 1,980  |
| New Mexico.....                | 256,986                                  | .....                 | 348                  | 256,595               | 256,161               | 434                      | 43                 | 770  |
| Arizona.....                   | 158,488                                  | 51,212                | .....                | 107,276               | 103,092               | 4,184                    | .....              | 1,071  |
| Utah.....                      | 303,626                                  | 73,837                | .....                | 229,669               | 171,067               | 58,602                   | 120                | 2,050  |
| Nevada.....                    | 45,501                                   | 42,397                | .....                | 3,104                 | 3,104                 | .....                    | .....              | 540  |
| PACIFIC:                       |  |                       |                      |                       |                       |                          |                    |  |
| Washington.....                | 491,674                                  | 216,750               | .....                | 274,558               | 181,360               | 93,198                   | 366                | 5,550  |
| Oregon.....                    | 247,262                                  | 129,104               | .....                | 117,659               | 105,826               | 11,833                   | 499                | 1,481  |
| California.....                | 1,788,825                                | 1,123,592             | 94,575               | 540,564               | 530,465               | 10,099                   | 30,094             | 6,016  |

DIAGRAM 3.—STOCKS OF CANNED MEATS REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

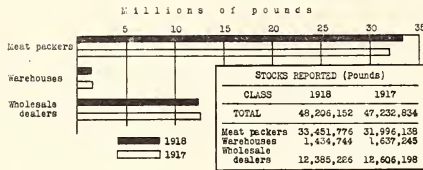


Table 5.—Comparative figures for canned meats—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| Geographic Division and State. | Stocks reported for July 1, 1918. | Stocks reported for July 1, 1917. |
|--------------------------------|-----------------------------------|-----------------------------------|
| <b>United States</b> .....     | <b>Pounds.<br/>48,206,152</b>     | <b>Pounds.<br/>47,232,834</b>     |
| <b>Geographic Divisions:</b>   |                                   |                                   |
| New England.....               | 2,283,791                         | 2,538,432                         |
| Middle Atlantic.....           | 4,240,618                         | 4,888,060                         |
| East North Central.....        | 18,203,565                        | 17,404,083                        |
| West North Central.....        | 10,055,250                        | 9,044,297                         |
| South Atlantic.....            | 4,943,339                         | 4,693,346                         |
| East South Central.....        | 1,644,412                         | 1,493,965                         |
| West South Central.....        | 3,234,959                         | 3,283,755                         |
| Mountain.....                  | 1,293,344                         | 1,329,767                         |
| Pacific.....                   | 2,306,874                         | 2,557,127                         |
| <b>New England:</b>            |                                   |                                   |
| Maine.....                     | 637,255                           | 694,641                           |
| New Hampshire.....             | 84,845                            | 80,468                            |
| Vermont.....                   | 24,861                            | 19,228                            |
| Massachusetts.....             | 1,203,836                         | 1,302,079                         |
| Rhode Island.....              | 150,763                           | 193,810                           |
| Connecticut.....               | 182,231                           | 248,206                           |
| <b>Middle Atlantic:</b>        |                                   |                                   |
| New York.....                  | 2,995,453                         | 3,391,211                         |
| New Jersey.....                | 286,502                           | 233,081                           |
| Pennsylvania.....              | 958,663                           | 1,268,768                         |
| <b>East North Central:</b>     |                                   |                                   |
| Ohio.....                      | 1,774,529                         | 1,330,053                         |
| Indiana.....                   | 913,483                           | 609,739                           |
| Illinois.....                  | 15,177,140                        | 15,059,664                        |
| Michigan.....                  | 239,942                           | 281,662                           |
| Wisconsin.....                 | 98,471                            | 117,467                           |
| <b>West North Central:</b>     |                                   |                                   |
| Minnesota.....                 | 346,085                           | 442,023                           |
| Iowa.....                      | 602,662                           | 906,173                           |
| Missouri.....                  | 776,494                           | 694,349                           |
| North Dakota.....              | 149,122                           | 106,360                           |
| South Dakota.....              | 53,477                            | 52,306                            |
| Nebraska.....                  | 1,185,190                         | 537,177                           |
| Kansas.....                    | 6,942,220                         | 6,305,907                         |
| <b>South Atlantic:</b>         |                                   |                                   |
| Delaware.....                  | 112,789                           | 194,904                           |
| Maryland.....                  | 597,257                           | 562,304                           |
| District of Columbia.....      | 77,460                            | 36,702                            |
| Virginia.....                  | 704,509                           | 786,661                           |
| West Virginia.....             | 248,779                           | 278,657                           |
| North Carolina.....            | 841,431                           | 607,220                           |
| South Carolina.....            | 365,134                           | 339,336                           |
| Georgia.....                   | 1,188,943                         | 976,740                           |
| Florida.....                   | 807,037                           | 910,816                           |
| <b>East South Central:</b>     |                                   |                                   |
| Kentucky.....                  | 272,272                           | 190,352                           |
| Tennessee.....                 | 354,445                           | 460,634                           |
| Alabama.....                   | 611,676                           | 504,800                           |
| Mississippi.....               | 406,019                           | 338,159                           |
| <b>West South Central:</b>     |                                   |                                   |
| Arkansas.....                  | 498,291                           | 463,042                           |
| Louisiana.....                 | 703,105                           | 684,434                           |
| Oklahoma.....                  | 271,040                           | 272,574                           |
| Texas.....                     | 1,762,523                         | 1,863,703                         |
| <b>Mountain:</b>               |                                   |                                   |
| Montana.....                   | 154,679                           | 171,567                           |
| Idaho.....                     | 180,437                           | 256,065                           |
| Wyoming.....                   | 10,415                            | 11,822                            |
| Colorado.....                  | 276,929                           | 262,732                           |
| New Mexico.....                | 189,520                           | 199,999                           |
| Arizona.....                   | 133,394                           | 178,814                           |
| Utah.....                      | 303,506                           | 235,999                           |
| Nevada.....                    | 44,464                            | 12,769                            |
| <b>Pacific:</b>                |                                   |                                   |
| Washington.....                | 380,210                           | 410,971                           |
| Oregon.....                    | 229,998                           | 179,402                           |
| California.....                | 1,696,666                         | 1,966,754                         |

## COMMERCIAL STOCKS OF CANNED SOUP

### NOT INCLUDING RETAIL STOCKS.

The commercial stocks of canned soup, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by canners, warehouses, wholesale dealers, and a miscellaneous group of firms, exclusive of retail dealers, amounted to 53,925,834 pounds. Of this amount, 53,158,061 pounds were reported as on hand and 767,773 pounds as in transit. Of the stocks on hand, the canners held 26.7 per cent; the warehouses, 7.4 per cent; the wholesale dealers, 65.1 per cent; and the miscellaneous group, 0.8 per cent. The stocks on hand are given, by classes of business, in the first column of Table 6, while the quantities in transit are similarly shown in the last column of the same table. The relative stocks reported by the four classes enumerated are represented in graphic form in Diagram 4.

The number of schedules received and tabulated for canned soup is shown, by classes of business, in Table 8.

Table 6.—Stocks of canned soup reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

| CLASS OF BUSINESS.                           | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                 | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|--|--|--|----------------------|-----------------|--|
|  |  | 1918 stocks.   |                      | 1917<br>stocks. |  |
|  |  | Quantity.  | Per cent<br>of 1917. |                 |  |
|  | <i>Pounds.</i>   | <i>Pounds.</i>   |                      | <i>Pounds.</i>  | <i>Pounds.</i>   |
| Total -----                                  | 53,158,061   | 45,443,685   | 135.9                | 33,446,688      | 767,773  |
| Canners -----                                | 14,183,298   | 13,933,106   | 120.2                | 11,588,761      | 614,838  |
| Warehouses -----                             | 3,915,557  | 2,815,551  | 629.9                | 447,004         | -----  |
| Wholesale dealers -----                      | 34,624,608   | 28,401,057   | 133.6                | 21,257,323      | 149,775  |
| <i>Wholesale grocers</i> -----               | 29,833,825   | 24,073,439   | 118.7                | 20,388,753      | 127,264  |
| <i>Other wholesale<br/>    dealers</i> ----- | 4,790,783  | 4,327,618  | 466.8                | 968,570         | 22,511   |
| Miscellaneous -----                          | 434,598  | 293,971  | 191.4                | 153,600         | 3,160  |

DIAGRAM 4.—DISTRIBUTION OF TOTAL STOCKS OF CANNED SOUP REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

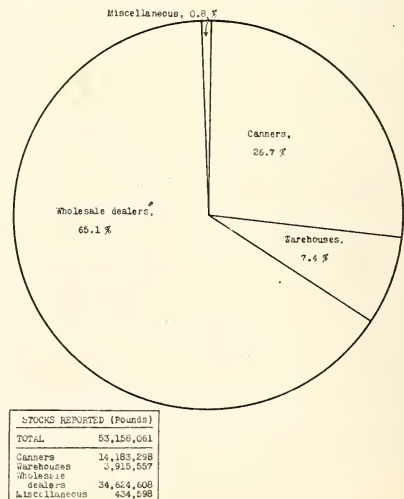




Table 7—Stocks of canned soup reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |                       |                      |                       |                       |                          |                    | Quantity reported as in transit on July 1, 1918. |
|--------------------------------|--|-----------------------|----------------------|-----------------------|-----------------------|--------------------------|--------------------|--|
|                                | TOTAL.                                   | Canneries.            | Warehouses.          | Wholesale dealers.    |                       |                          | Miscellaneous.     |  |
|                                |  |                       |                      | Total.                | Wholesale grocers.    | Other wholesale dealers. |                    |  |
| United States.....             | Pounds.<br>53,158,061                    | Pounds.<br>14,183,298 | Pounds.<br>3,915,557 | Pounds.<br>34,624,608 | Pounds.<br>29,833,825 | Pounds.<br>4,790,783     | Pounds.<br>434,598 | Pounds.<br>767,773                               |
| GEOGRAPHIC DIVISIONS:          |  |                       |                      |                       |                       |                          |                    |  |
| New England.....               | 4,623,798                                | 150,148               | 1,164,602            | 3,217,373             | 3,035,035             | 182,338                  | 91,675             | 10,287   |
| Middle Atlantic.....           | 21,707,384                               | 11,540,383            | 1,472,883            | 8,451,950             | 7,773,886             | 678,064                  | 242,168            | 547,694  |
| East North Central.....        | 11,130,638                               | 1,241,274             | 439,055              | 9,425,985             | 6,079,291             | 3,346,694                | 24,324             | 114,935  |
| West North Central.....        | 3,994,640                                | 14,857                | 207,481              | 3,760,450             | 3,589,160             | 171,290                  | 11,852             | 20,627   |
| South Atlantic.....            | 3,532,247                                | 268,805               | 50,590               | 3,203,928             | 3,057,924             | 146,004                  | 8,924              | 46,934   |
| East South Central.....        | 1,440,822                                | 18,132                | 1,470                | 1,419,829             | 1,380,979             | 38,850                   | 1,391              | 3,162  |
| West South Central.....        | 1,854,256                                | 2,136                 | 16,931               | 1,822,481             | 1,736,843             | 85,638                   | 12,708             | 7,908  |
| Mountain.....                  | 1,128,885                                | 1,440                 | 32,399               | 1,092,832             | 1,038,837             | 53,995                   | 2,214              | 5,133  |
| Pacific.....                   | 3,745,391                                | 946,123               | 530,146              | 2,229,780             | 2,141,870             | 87,910                   | 39,342             | 11,093   |
| NEW ENGLAND:                   |  |                       |                      |                       |                       |                          |                    |  |
| Maine.....                     | 1,438,078                                | 150,148               | 891,710              | 395,793               | 377,234               | 18,559                   | 427                | 1,205  |
| New Hampshire.....             | 154,887                                  |                       |                      | 154,090               | 144,851               | 9,239                    | 797                | 740  |
| Vermont.....                   | 135,533                                  |                       |                      | 131,710               | 126,297               | 5,413                    | 1,823              | 712  |
| Massachusetts.....             | 1,869,340                                |                       | 260,907              | 1,593,994             | 1,499,174             | 94,820                   | 14,439             | 7,090  |
| Rhode Island.....              | 263,429                                  |                       | 11,985               | 251,133               | 214,353               | 36,780                   | 311                | 300  |
| Connecticut.....               | 764,531                                  |                       |                      | 690,653               | 673,126               | 17,527                   | 73,878             | 240  |
| MIDDLE ATLANTIC:               |  |                       |                      |                       |                       |                          |                    |  |
| New York.....                  | 5,164,791                                |                       | 213,297              | 4,816,189             | 4,272,962             | 543,227                  | 135,305            | 16,860   |
| New Jersey.....                | 12,058,919                               | 11,000,917            |                      | 961,407               | 940,471               | 20,936                   | 96,595             | 514,442  |
| Pennsylvania.....              | 4,483,674                                | 539,466               | 1,259,586            | 2,674,354             | 2,560,453             | 113,901                  | 10,268             | 16,392   |
| EAST NORTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Ohio.....                      | 2,072,784                                | 51,082                | 33,010               | 1,986,979             | 1,957,038             | 29,941                   | 1,713              | 12,980   |
| Indiana.....                   | 1,502,319                                | 1,057,584             |                      | 443,267               | 438,517               | 4,750                    | 1,468              | 61,385   |
| Illinois.....                  | 5,721,734                                | 30,888                | 406,045              | 5,271,280             | 1,991,658             | 3,279,622                | 13,521             | 30,033   |
| Michigan.....                  | 939,176                                  | 5,776                 |                      | 927,526               | 919,999               | 7,527                    | 5,874              | 6,744  |
| Wisconsin.....                 | 894,625                                  | 95,944                |                      | 796,933               | 772,079               | 24,854                   | 1,748              | 3,793  |
| WEST NORTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Minnesota.....                 | 953,421                                  |                       | 68,370               | 884,149               | 851,973               | 32,176                   | 902                | 9,129  |
| Iowa.....                      | 738,203                                  |                       | 1,488                | 730,049               | 692,839               | 37,201                   | 6,666              | 2,876  |
| Missouri.....                  | 1,113,361                                | 14,857                | 88,596               | 1,006,220             | 956,087               | 50,133                   | 3,688              | 6,443  |
| North Dakota.....              | 112,458                                  |                       |                      | 112,411               | 103,546               | 8,865                    | 47                 | 763  |
| South Dakota.....              | 77,610                                   |                       |                      | 77,610                | 77,482                | 128                      |                    | 40   |
| Nebraska.....                  | 481,088                                  |                       | 49,027               | 431,780               | 402,379               | 29,401                   | 281                | 330  |
| Kansas.....                    | 518,499                                  |                       |                      | 518,231               | 504,854               | 13,377                   | 268                | 1,046  |
| SOUTH ATLANTIC:                |  |                       |                      |                       |                       |                          |                    |  |
| Delaware.....                  | 61,228                                   | 23,442                |                      | 37,786                | 31,391                | 6,395                    |                    | 40,436   |
| Maryland.....                  | 443,438                                  | 245,363               |                      | 197,551               | 187,862               | 9,689                    | 524                | 240  |
| District of Columbia.....      | 282,129                                  |                       | 22,240               | 259,791               | 258,097               | 1,694                    | 98                 |  |
| Virginia.....                  | 531,116                                  |                       | 4,000                | 524,685               | 508,520               | 16,165                   | 2,431              | 510  |
| West Virginia.....             | 968,282                                  |                       |                      | 968,266               | 965,138               | 3,128                    | 16                 | 3,316  |
| North Carolina.....            | 200,151                                  |                       |                      | 197,271               | 187,316               | 9,955                    | 2,880              | 660  |
| South Carolina.....            | 163,506                                  |                       |                      | 163,506               | 139,376               | 24,130                   |                    | 31   |
| Georgia.....                   | 531,936                                  |                       | 24,350               | 504,770               | 448,152               | 56,618                   | 2,816              | 773  |
| Florida.....                   | 350,461                                  |                       |                      | 350,302               | 332,072               | 18,230                   | 159                | 948  |
| EAST SOUTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Kentucky.....                  | 401,063                                  | 12,090                |                      | 388,199               | 377,012               | 11,187                   | 774                | 531  |
| Tennessee.....                 | 398,858                                  | 1,710                 |                      | 396,622               | 387,642               | 8,980                    | 526                | 1,229  |
| Alabama.....                   | 410,696                                  | 4,332                 | 1,470                | 404,803               | 390,097               | 14,706                   | 91                 | 1,182  |
| Mississippi.....               | 230,205                                  |                       |                      | 230,205               | 226,228               | 3,977                    |                    | 220  |
| WEST SOUTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Arkansas.....                  | 233,227                                  |                       |                      | 233,043               | 227,680               | 5,363                    | 184                | 1,438  |
| Louisiana.....                 | 331,970                                  |                       | 155                  | 331,558               | 287,447               | 44,111                   | 257                | 2,100  |
| Oklahoma.....                  | 291,545                                  |                       | 1,014                | 290,424               | 288,468               | 1,956                    | 107                | 1,950  |
| Texas.....                     | 997,514                                  | 2,136                 | 15,762               | 967,456               | 933,248               | 34,208                   | 12,160             | 2,420  |
| MOUNTAIN:                      |  |                       |                      |                       |                       |                          |                    |  |
| Montana.....                   | 168,375                                  |                       |                      | 167,424               | 154,395               | 13,029                   | 951                | 323  |
| Idaho.....                     | 193,221                                  |                       |                      | 193,200               | 191,331               | 1,869                    | 21                 | 592  |
| Wyoming.....                   | 52,544                                   |                       |                      | 52,272                | 52,272                |                          | 272                | 1,375  |
| Colorado.....                  | 332,351                                  |                       | 32,019               | 299,412               | 267,280               | 32,132                   | 920                | 1,607  |
| New Mexico.....                | 97,625                                   |                       | 380                  | 97,245                | 97,100                | 145                      |                    | 100  |
| Arizona.....                   | 149,473                                  |                       |                      | 149,423               | 144,775               | 4,648                    | 50                 | 300  |
| Utah.....                      | 125,766                                  | 1,440                 |                      | 124,326               | 123,054               | 1,272                    |                    | 800  |
| Nevada.....                    | 9,530                                    |                       |                      | 9,530                 | 8,630                 | 900                      |                    | 36   |
| PACIFIC:                       |  |                       |                      |                       |                       |                          |                    |  |
| Washington.....                | 561,545                                  | 5,555                 | 49,758               | 505,741               | 489,416               | 16,325                   | 491                | 4,491  |
| Oregon.....                    | 323,205                                  | 8,758                 | 67,980               | 246,001               | 242,181               | 3,820                    | 466                | 1,625  |
| California.....                | 2,860,641                                | 931,810               | 412,408              | 1,478,038             | 1,410,273             | 67,765                   | 38,385             | 4,977  |

Table 8.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting canned soup.

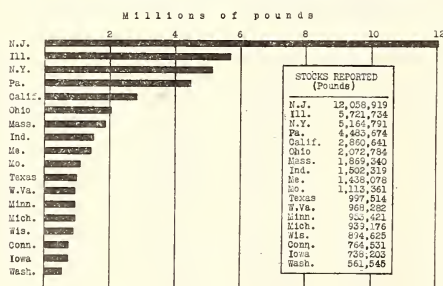
| CLASS OF BUSINESS.           | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|------------------------------|----------------------------------|---|
| Total.....                   | 4,791                            | 3,736                                   |
| Canners.....                 | 51                               | 46                                      |
| Warehouses.....              | 85                               | 48                                      |
| Wholesale dealers.....       | 4,233                            | 3,392                                   |
| Wholesale grocers.....       | 3,568                            | 2,816                                   |
| Other wholesale dealers..... | 685                              | 576                                     |
| Miscellaneous.....           | 402                              | 250                                     |

### Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial supply of canned soup, as reported by the classes of business concerns here considered, is shown in Table 7. The states of the Middle Atlantic division, it may be noticed, reported about two-fifths of the stocks in the entire country, while the East North Central division reported slightly more than one-fifth. The rank of the Middle Atlantic division was due very largely to the stocks reported from New Jersey, which amounted to 12,058,919 pounds out of a total of 21,707,384 pounds for the division. Illinois ranked second in stocks of this commodity, New York third, Pennsylvania fourth, and California fifth. The stocks of canned soup reported for the eighteen most important states are shown graphically in Diagram 5.

The quantity of canned soup reported as in transit is shown by geographic divisions and states in the last column of Table 7.

Diagram 5.—Stocks of Canned Soup Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



### Comparative Figures for 1918 and 1917.

More than 85 per cent of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year schedules are given by classes of business in Table 6, and by geographic divisions and states in Table 9. These figures indicate that the stocks of canned soup reported for the date of the Survey by each of the several classes of business concerns here considered were materially larger than those held one year earlier. The total holdings reported for July 1, 1918, were 35.9 per cent larger than those held by the same firms on July 1, 1917. The relative stocks on the two dates are represented graphically, for the canners, the warehouses, and the wholesale dealers, in Diagram 6.

Diagram 6.—Stocks of Canned Soup Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

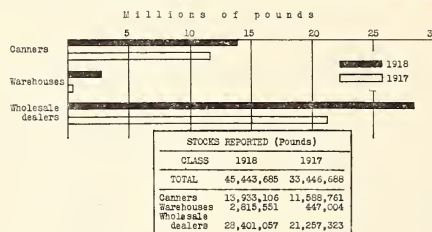


Table 9.—Comparative figures for canned soup—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| Geographic Division and State. | Stocks reported for July 1, 1918. | Stocks reported for July 1, 1917. |
|--------------------------------|-----------------------------------|-----------------------------------|
| <b>United States.....</b>      | <b>Pounds.<br/>45,443,685</b>     | <b>Pounds.<br/>33,446,688</b>     |
| <b>Geographic Divisions:</b>   |                                   |                                   |
| New England.....               | 3,593,264                         | 2,640,665                         |
| Middle Atlantic.....           | 19,626,287                        | 15,302,780                        |
| East North Central.....        | 10,056,329                        | 5,977,948                         |
| West North Central.....        | 3,247,572                         | 2,540,735                         |
| South Atlantic.....            | 2,332,228                         | 1,454,105                         |
| East South Central.....        | 1,174,146                         | 799,676                           |
| West South Central.....        | 1,591,033                         | 1,633,732                         |
| Mountain.....                  | 866,501                           | 874,403                           |
| Pacific.....                   | 2,956,325                         | 2,222,644                         |
| <b>New England:</b>            |                                   |                                   |
| Maine.....                     | 1,392,896                         | 878,365                           |
| New Hampshire.....             | 123,028                           | 94,982                            |
| Vermont.....                   | 51,370                            | 36,197                            |
| Massachusetts.....             | 1,255,259                         | 1,128,652                         |
| Rhode Island.....              | 183,072                           | 170,218                           |
| Connecticut.....               | 587,439                           | 332,251                           |
| <b>Middle Atlantic:</b>        |                                   |                                   |
| New York.....                  | 3,926,992                         | 3,282,499                         |
| New Jersey.....                | 11,669,920                        | 9,997,671                         |
| Pennsylvania.....              | 4,029,375                         | 2,022,610                         |
| <b>East North Central:</b>     |                                   |                                   |
| Ohio.....                      | 1,855,229                         | 1,480,075                         |
| Indiana.....                   | 1,436,782                         | 1,493,097                         |
| Illinois.....                  | 5,217,989                         | 1,747,784                         |
| Michigan.....                  | 801,608                           | 712,940                           |
| Wisconsin.....                 | 744,721                           | 542,052                           |
| <b>West North Central:</b>     |                                   |                                   |
| Minnesota.....                 | 815,490                           | 554,481                           |
| Iowa.....                      | 648,328                           | 507,403                           |
| Missouri.....                  | 688,643                           | 808,993                           |
| North Dakota.....              | 110,595                           | 137,447                           |
| South Dakota.....              | 40,171                            | 40,124                            |
| Nebraska.....                  | 379,580                           | 202,975                           |
| Kansas.....                    | 384,765                           | 289,312                           |
| <b>South Atlantic:</b>         |                                   |                                   |
| Delaware.....                  | 54,892                            | 23,262                            |
| Maryland.....                  | 372,467                           | 155,117                           |
| District of Columbia.....      | 219,077                           | 113,258                           |
| Virginia.....                  | 374,406                           | 237,028                           |
| West Virginia.....             | 286,369                           | 237,845                           |
| North Carolina.....            | 166,820                           | 136,522                           |
| South Carolina.....            | 113,179                           | 79,796                            |
| Georgia.....                   | 438,151                           | 245,032                           |
| Florida.....                   | 306,867                           | 226,242                           |
| <b>East South Central:</b>     |                                   |                                   |
| Kentucky.....                  | 328,237                           | 205,973                           |
| Tennessee.....                 | 316,906                           | 191,731                           |
| Alabama.....                   | 372,921                           | 312,435                           |
| Mississippi.....               | 156,082                           | 89,537                            |
| <b>West South Central:</b>     |                                   |                                   |
| Arkansas.....                  | 196,097                           | 122,572                           |
| Louisiana.....                 | 282,594                           | 193,426                           |
| Oklahoma.....                  | 237,721                           | 193,426                           |
| Texas.....                     | 874,651                           | 1,163,894                         |
| <b>Mountain:</b>               |                                   |                                   |
| Montana.....                   | 94,715                            | 113,955                           |
| Idaho.....                     | 159,680                           | 159,894                           |
| Wyoming.....                   | 21,272                            | 20,582                            |
| Colorado.....                  | 305,511                           | 333,024                           |
| New Mexico.....                | 60,797                            | 51,153                            |
| Arizona.....                   | 53,211                            | 51,961                            |
| Utah.....                      | 132,706                           | 132,302                           |
| Nevada.....                    | 9,330                             | 11,562                            |
| <b>Pacific:</b>                |                                   |                                   |
| Washington.....                | 528,923                           | 386,523                           |
| Oregon.....                    | 311,874                           | 294,069                           |
| California.....                | 2,115,528                         | 1,542,052                         |



# COMMERCIAL STOCKS OF CANNED SALMON

## NOT INCLUDING RETAIL STOCKS.

The commercial stocks of canned salmon, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by canners, warehouses, wholesale dealers, and a miscellaneous group of firms, exclusive of retail dealers, amounted to 141,719,281 pounds. Of this amount, 137,162,540 pounds were reported as stocks on hand and 4,556,741 pounds as in transit. Of the stocks on hand, the canners held 8.5 per cent; the warehouses, 24.1 per cent; the wholesale dealers (including the meat packers), 66.2 per cent; and the miscellaneous group, 1.2 per cent. The stocks reported by each of these classes of business concerns are shown in the first column of Table 10, and the quantities in transit in the last column. The relative stocks held by the various classes are shown graphically in Diagram 7.

The number of schedules received and tabulated for canned salmon is shown, by classes of business concerns, in Table 11.

Table 10.—Stocks of canned salmon reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

| CLASS OF BUSINESS.                     | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                              |                             | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|--|--|--|----------------------|------------------------------|-----------------------------|--|
|  |  | 1918 stocks.   |                      | 1917<br>stocks.              |                             |  |
|  |  | Quantity.  | Per cent<br>of 1917. |                              |                             |  |
| Total                                  | <i>Pounds.</i><br>137,162,540                                    | <i>Pounds.</i><br>111,240,281  | 149.8                | <i>Pounds.</i><br>74,272,489 | <i>Pounds.</i><br>4,556,741 |  |
| Canners                                | 11,692,666   | 6,613,586  | 343.0                | 1,927,899                    | 1,319,767                   |  |
| Warehouses                             | 32,978,680   | 25,436,253   | 237.4                | 10,715,562                   | 238,000                     |  |
| Wholesale dealers                      | 90,804,749   | 77,824,909   | 128.8                | 60,423,678                   | 2,887,674                   |  |
| <i>Wholesale grocers</i>               | 73,746,345   | 63,582,527   | 120.4                | 52,811,792                   | 1,309,913                   |  |
| <i>Meat packers</i>                    | 10,757,893   | 10,019,586   | 243.6                | 4,112,453                    | 907,134                     |  |
| <i>Other wholesale<br/>    dealers</i> | 6,300,511  | 4,222,796  | 120.7                | 3,499,433                    | 770,627                     |  |
| Miscellaneous                          | 1,686,445  | 1,365,533  | 113.3                | 1,205,530                    | 111,300                     |  |
| <i>Salt fish<br/>    packers</i>       | 1,475,420  | 1,221,094  | 112.9                | 1,081,746                    | 110,820                     |  |
| <i>Other miscellaneous</i>             | 211,025  | 144,439  | 116.9                | 123,604                      | 480                         |  |

Diagram 7.—Distribution of Total Stocks of Canned Salmon Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

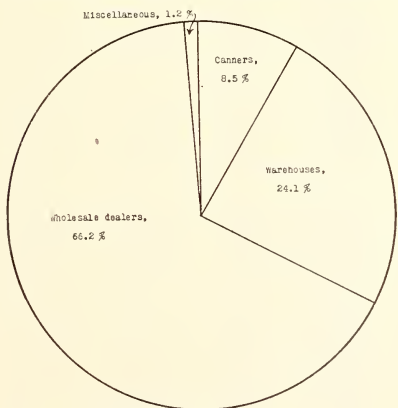


Table 11.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting canned salmon.

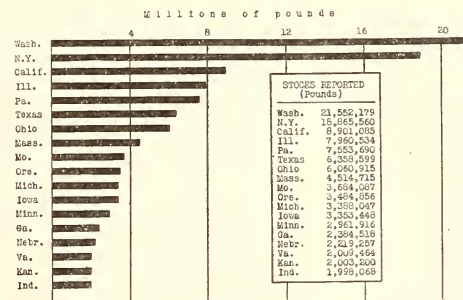
| CLASS OF BUSINESS.           | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|------------------------------|----------------------------------|---|
| <b>Total</b> .....           | <b>5,843</b>                     | <b>4,549</b>                            |
| Canners.....                 | 58                               | 46                                      |
| Warehouses.....              | 171                              | 98                                      |
| Wholesale dealers.....       | 5,027                            | 4,020                                   |
| Wholesale grocers.....       | 3,954                            | 3,147                                   |
| Meat packers.....            | 639                              | 547                                     |
| Other wholesale dealers..... | 434                              | 326                                     |
| Miscellaneous.....           | 587                              | 385                                     |
| Salt fish packers.....       | 33                               | 25                                      |
| Other miscellaneous.....     | 554                              | 360                                     |

## Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of canned salmon reported in the Survey by the classes of concerns here considered is shown in Table 12. The Pacific division, it may be noticed, ranked first in stocks reported, the Middle Atlantic division second, the East North Central division third, and the West North Central division fourth. The rank of the first two divisions mentioned was due very largely to the states of Washington and New York, respectively, the former state reporting nearly two-thirds of the total for the Pacific division and the latter more than two-thirds of the total for the Middle Atlantic division. Other states reporting more than 6,000,000 pounds of canned salmon were California, Illinois, Pennsylvania, Texas, and Ohio. The stocks reported for the eighteen most important states are shown in graphic form in Diagram 8.

The quantities reported as in transit are shown by geographic divisions and states in the last column of Table 12.

Diagram 8.—Stocks of Canned Salmon Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



## Comparative Figures for 1918 and 1917.

More than four-fifths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year schedules are given by classes of business in Table 10, and by geographic divisions and states in Table 13. These figures indicate a material increase in the stocks on hand on the date of the Survey as compared with the earlier date for all classes of business concerns considered. The total stocks reported for July 1, 1918, were 49.8 per cent larger than the corresponding stocks on July 1, 1917. The relative stocks on the two dates are represented graphically, for the canners, the warehouses, and the wholesale dealers, in Diagram 9.

Table 12.—Stocks of canned salmon reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |                       |                       |                       |                       |                       |                          |                      | Quantity reported as in transit on July 1, 1918. |
|--------------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------|----------------------|--|
|                                | TOTAL.                                   | Canneries.            | Warehouses.           | Wholesale dealers.    |                       |                       |                          | Miscellaneous.       |  |
|                                |  |                       |                       | Total.                | Wholesale grocers.    | Meat packers.         | Other wholesale dealers. |                      |  |
| United States.....             | Pounds.<br>137,162,540                   | Pounds.<br>11,692,666 | Pounds.<br>32,978,680 | Pounds.<br>90,804,749 | Pounds.<br>73,746,345 | Pounds.<br>10,757,893 | Pounds.<br>6,300,511     | Pounds.<br>1,686,445 | Pounds.<br>4,556,741                             |
| GEOGRAPHIC DIVISIONS:          |  |                       |                       |                       |                       |                       |                          |                      |  |
| New England.....               | 8,302,688                                | 660,523               | 1,259,297             | 6,358,357             | 4,334,071             | 1,406,162             | 618,124                  | 24,511               | 819,959  |
| Middle Atlantic.....           | 27,278,717                               |                       | 10,511,293            | 16,208,340            | 12,867,593            | 1,579,205             | 1,761,542                | 559,084              | 877,423  |
| East North Central.....        | 20,963,352                               |                       | 1,954,643             | 18,540,205            | 16,155,109            | 1,532,275             | 852,821                  | 468,504              | 187,427  |
| West North Central.....        | 15,083,652                               |                       | 884,560               | 13,878,123            | 12,430,126            | 970,721               | 477,276                  | 320,969              | 95,733   |
| South Atlantic.....            | 10,633,048                               | 1,368                 | 774,691               | 9,846,166             | 7,456,290             | 1,819,171             | 590,705                  | 10,823               | 59,203   |
| East South Central.....        | 5,203,244                                |                       | 258,471               | 4,942,267             | 4,236,043             | 587,190               | 119,034                  | 2,506                | 27,749   |
| West South Central.....        | 10,843,802                               |                       | 410,892               | 10,399,044            | 8,494,341             | 1,694,456             | 210,247                  | 3,866                | 40,972   |
| Mountain.....                  | 4,915,917                                |                       | 209,748               | 4,692,843             | 4,168,092             | 454,717               | 70,034                   | 13,326               | 26,806   |
| Pacific.....                   | 33,938,120                               | 11,030,775            | 16,685,085            | 5,939,404             | 3,624,680             | 713,996               | 1,600,728                | 282,856              | 2,421,469  |
| NEW ENGLAND:                   |  |                       |                       |                       |                       |                       |                          |                      |  |
| Maine.....                     | 1,838,345                                | 660,523               | 750                   | 1,175,426             | 917,878               | 209,255               | 48,293                   | 1,646                | 812,793  |
| New Hampshire.....             | 456,916                                  |                       |                       | 455,344               | 287,821               | 106,013               | 61,510                   | 1,572                | 1,476  |
| Vermont.....                   | 196,952                                  |                       |                       | 195,567               | 127,760               | 46,628                | 21,179                   | 1,385                | 1,128  |
| Massachusetts.....             | 4,514,715                                |                       | 1,040,369             | 3,456,346             | 2,221,718             | 808,165               | 426,463                  | 18,000               | 3,994  |
| Rhode Island.....              | 596,098                                  |                       | 197,178               | 398,611               | 269,370               | 91,051                | 37,990                   | 309                  | 400  |
| Connecticut.....               | 699,662                                  |                       | 21,000                | 677,063               | 509,324               | 145,050               | 22,689                   | 1,599                | 168  |
| MIDDLE ATLANTIC:               |  |                       |                       |                       |                       |                       |                          |                      |  |
| New York.....                  | 18,865,560                               |                       | 8,254,523             | 10,087,772            | 7,789,545             | 884,747               | 1,413,480                | 523,265              | 855,294  |
| New Jersey.....                | 859,467                                  |                       | 104,000               | 735,885               | 641,222               | 77,627                | 17,036                   | 19,582               | 1,200  |
| Pennsylvania.....              | 7,553,690                                |                       | 2,152,770             | 5,384,683             | 4,436,826             | 616,831               | 331,026                  | 16,237               | 20,929   |
| EAST NORTH CENTRAL:            |  |                       |                       |                       |                       |                       |                          |                      |  |
| Ohio.....                      | 6,060,915                                |                       | 198,497               | 5,858,902             | 5,633,066             | 172,726               | 53,110                   | 3,516                | 21,793   |
| Indiana.....                   | 1,998,068                                |                       | 10,613                | 1,980,856             | 1,892,840             | 40,233                | 47,783                   | 6,599                | 4,811  |
| Illinois.....                  | 7,960,534                                |                       | 1,673,869             | 5,893,106             | 4,514,733             | 896,059               | 482,314                  | 393,559              | 129,632  |
| Michigan.....                  | 3,388,047                                |                       | 57,552                | 3,311,025             | 2,701,739             | 356,172               | 253,114                  | 19,470               | 9,776  |
| Wisconsin.....                 | 1,555,788                                |                       | 14,112                | 1,496,316             | 1,412,731             | 67,085                | 16,500                   | 45,300               | 21,415   |
| WEST NORTH CENTRAL:            |  |                       |                       |                       |                       |                       |                          |                      |  |
| Minnesota.....                 | 2,961,916                                |                       | 50,838                | 2,896,669             | 2,645,415             | 154,690               | 96,564                   | 14,409               | 24,464   |
| Iowa.....                      | 3,353,448                                |                       | 62,032                | 3,263,934             | 3,052,306             | 165,253               | 46,375                   | 27,482               | 16,508   |
| Missouri.....                  | 3,684,087                                |                       | 358,846               | 3,660,455             | 2,683,123             | 158,141               | 224,191                  | 259,786              | 21,395   |
| North Dakota.....              | 493,467                                  |                       |                       | 493,379               | 325,587               | 60,288                | 107,504                  | 88                   | 4,358  |
| South Dakota.....              | 368,277                                  |                       |                       | 367,677               | 319,869               | 47,808                |                          | 600                  | 300  |
| Nebraska.....                  | 2,219,257                                |                       | 346,368               | 1,855,403             | 1,680,246             | 172,757               | 2,400                    | 17,486               | 15,624   |
| Kansas.....                    | 2,003,200                                |                       | 66,476                | 1,935,606             | 1,723,580             | 211,784               | 242                      | 1,118                | 13,084   |
| SOUTH ATLANTIC:                |  |                       |                       |                       |                       |                       |                          |                      |  |
| Delaware.....                  | 69,424                                   |                       |                       | 69,424                | 24,355                | 44,790                | 279                      |                      | 491  |
| Maryland.....                  | 1,150,332                                | 1,296                 | 391,578               | 752,203               | 662,641               | 36,951                | 52,611                   | 5,255                | 3,016  |
| District of Columbia.....      | 450,475                                  |                       | 68,008                | 382,455               | 234,525               | 147,930               |                          | 12                   | 1,968  |
| Virginia.....                  | 2,009,464                                | 72                    | 72,000                | 1,936,132             | 1,369,512             | 374,088               | 191,632                  | 1,260                | 7,646  |
| West Virginia.....             | 1,659,878                                |                       | 8,500                 | 1,651,225             | 1,427,680             | 210,318               | 13,227                   | 153                  | 11,675   |
| North Carolina.....            | 658,432                                  |                       |                       | 657,952               | 440,874               | 129,428               | 87,650                   | 480                  | 6,810  |
| South Carolina.....            | 1,503,091                                |                       | 50,370                | 1,452,521             | 1,189,664             | 110,580               | 152,277                  |                      | 15,925   |
| Georgia.....                   | 2,384,518                                |                       | 184,035               | 2,197,417             | 1,523,368             | 581,097               | 92,952                   | 3,066                | 8,232  |
| Florida.....                   | 747,434                                  |                       |                       | 746,837               | 563,671               | 183,089               | 77                       | 597                  | 3,440  |
| EAST SOUTH CENTRAL:            |  |                       |                       |                       |                       |                       |                          |                      |  |
| Kentucky.....                  | 1,557,425                                |                       | 84,640                | 1,471,602             | 1,352,735             | 58,752                | 60,115                   | 1,183                | 6,458  |
| Tennessee.....                 | 1,772,886                                |                       | 173,831               | 1,598,530             | 1,399,727             | 173,705               | 25,098                   | 525                  | 16,121   |
| Alabama.....                   | 1,170,235                                |                       |                       | 1,169,547             | 916,351               | 243,991               | 9,205                    | 688                  | 3,832  |
| Mississippi.....               | 702,698                                  |                       |                       | 702,588               | 567,230               | 110,742               | 24,616                   | 110                  | 1,338  |
| WEST SOUTH CENTRAL:            |  |                       |                       |                       |                       |                       |                          |                      |  |
| Arkansas.....                  | 1,015,780                                |                       |                       | 1,015,517             | 855,781               | 147,892               | 11,844                   | 263                  | 1,842  |
| Louisiana.....                 | 1,782,938                                |                       |                       | 1,782,444             | 1,502,017             | 178,782               | 101,645                  | 494                  | 5,550  |
| Oklahoma.....                  | 1,686,485                                |                       | 127,653               | 1,558,614             | 1,388,716             | 167,740               | 2,158                    | 218                  | 9,755  |
| Texas.....                     | 6,358,599                                |                       | 313,239               | 6,042,469             | 4,747,827             | 1,200,042             | 94,600                   | 2,891                | 23,825   |
| MOUNTAIN:                      |  |                       |                       |                       |                       |                       |                          |                      |  |
| Montana.....                   | 952,356                                  |                       | 39,672                | 909,702               | 687,592               | 221,773               | 337                      | 2,982                | 3,415  |
| Idaho.....                     | 471,676                                  |                       | 25                    | 471,509               | 455,154               | 13,596                | 2,759                    | 142                  | 1,363  |
| Wyoming.....                   | 124,694                                  |                       |                       | 124,209               | 124,209               |                       |                          | 485                  | 8,364  |
| Colorado.....                  | 1,608,833                                |                       | 155,623               | 1,443,563             | 1,258,188             | 128,900               | 56,475                   | 9,647                | 6,938  |
| New Mexico.....                | 268,693                                  |                       | 2,928                 | 265,695               | 264,464               |                       | 1,231                    | 70                   | 716  |
| Arizona.....                   | 468,846                                  |                       |                       | 468,846               | 429,402               | 41,932                | 6,512                    |                      | 1,512  |
| Utah.....                      | 1,011,931                                |                       | 11,500                | 1,000,431             | 949,195               | 48,516                | 2,720                    |                      | 4,390  |
| Nevada.....                    | 8,888                                    |                       |                       | 8,888                 | 8,888                 |                       |                          |                      | 108  |
| PACIFIC:                       |  |                       |                       |                       |                       |                       |                          |                      |  |
| Washington.....                | 21,552,179                               | 4,285,186             | 14,985,787            | 2,019,190             | 529,979               | 209,245               | 1,279,966                | 262,016              | 1,783,104  |
| Oregon.....                    | 3,484,856                                | 2,077,682             | 531,414               | 874,334               | 589,098               | 128,036               | 157,200                  | 1,426                | 559,546  |
| California.....                | 8,901,085                                | 4,667,907             | 1,167,884             | 3,045,880             | 2,505,603             | 376,715               | 163,562                  | 19,414               | 78,819   |



DIAGRAM 9.—STOCKS OF CANNED SALMON REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

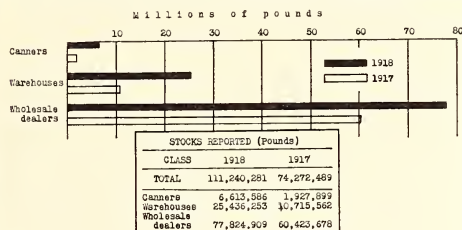


Table 13.—Comparative figures for canned salmon—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | Stocks reported for July 1, 1918. | Stocks reported for July 1, 1917. |
|--------------------------------|-----------------------------------|-----------------------------------|
|                                | Pounds.                           | Pounds.                           |
| <b>United States.....</b>      | <b>111,240,281</b>                | <b>74,272,489</b>                 |
| <b>GEOGRAPHIC DIVISIONS:</b>   |                                   |                                   |
| New England.....               | 6,564,091                         | 4,566,858                         |
| New England.....               | 23,593,947                        | 13,587,612                        |
| Middle Atlantic.....           | 17,831,885                        | 14,461,731                        |
| East North Central.....        | 13,446,510                        | 10,780,487                        |
| West North Central.....        | 8,220,888                         | 6,004,534                         |
| East South Central.....        | 4,441,135                         | 4,087,579                         |
| West South Central.....        | 9,019,156                         | 6,671,638                         |
| Mountain.....                  | 4,488,202                         | 3,206,460                         |
| Pacific.....                   | 23,634,377                        | 10,899,580                        |
| <b>NEW ENGLAND:</b>            |                                   |                                   |
| Maine.....                     | 1,656,223                         | 1,254,621                         |
| New Hampshire.....             | 398,254                           | 353,889                           |
| Vermont.....                   | 137,200                           | 83,754                            |
| Massachusetts.....             | 3,334,467                         | 2,263,732                         |
| Rhode Island.....              | 343,740                           | 328,628                           |
| Connecticut.....               | 494,207                           | 282,234                           |
| <b>MIDDLE ATLANTIC:</b>        |                                   |                                   |
| New York.....                  | 16,401,560                        | 8,685,127                         |
| New Jersey.....                | 605,198                           | 418,091                           |
| Pennsylvania.....              | 6,587,189                         | 4,484,394                         |
| <b>EAST NORTH CENTRAL:</b>     |                                   |                                   |
| Ohio.....                      | 5,320,392                         | 4,052,050                         |
| Indiana.....                   | 1,426,987                         | 1,522,156                         |
| Illinois.....                  | 6,786,366                         | 5,430,733                         |
| Michigan.....                  | 2,958,539                         | 2,469,262                         |
| Wisconsin.....                 | 1,339,601                         | 987,530                           |
| <b>WEST NORTH CENTRAL:</b>     |                                   |                                   |
| Minnesota.....                 | 2,836,153                         | 1,830,821                         |
| Iowa.....                      | 3,169,885                         | 2,745,128                         |
| Missouri.....                  | 3,361,640                         | 2,818,363                         |
| North Dakota.....              | 394,563                           | 362,342                           |
| South Dakota.....              | 297,789                           | 293,618                           |
| Nebraska.....                  | 1,723,360                         | 1,189,260                         |
| Kansas.....                    | 1,663,120                         | 1,546,951                         |
| <b>SOUTH ATLANTIC:</b>         |                                   |                                   |
| Delaware.....                  | 63,527                            | 17,700                            |
| Maryland.....                  | 882,906                           | 601,719                           |
| District of Columbia.....      | 295,946                           | 153,576                           |
| Virginia.....                  | 1,621,369                         | 1,094,234                         |
| West Virginia.....             | 1,090,843                         | 667,570                           |
| North Carolina.....            | 536,829                           | 325,526                           |
| South Carolina.....            | 1,227,463                         | 1,037,332                         |
| Georgia.....                   | 1,815,954                         | 1,536,077                         |
| Florida.....                   | 686,051                           | 570,800                           |
| <b>EAST SOUTH CENTRAL:</b>     |                                   |                                   |
| Kentucky.....                  | 1,392,373                         | 1,153,531                         |
| Tennessee.....                 | 1,473,562                         | 1,532,492                         |
| Alabama.....                   | 981,857                           | 1,034,065                         |
| Mississippi.....               | 593,343                           | 367,461                           |
| <b>WEST SOUTH CENTRAL:</b>     |                                   |                                   |
| Arkansas.....                  | 885,896                           | 619,458                           |
| Louisiana.....                 | 1,486,178                         | 943,750                           |
| Oklahoma.....                  | 1,176,630                         | 687,913                           |
| Texas.....                     | 3,470,452                         | 4,420,517                         |
| <b>MOUNTAIN:</b>               |                                   |                                   |
| Montana.....                   | 844,498                           | 424,586                           |
| Idaho.....                     | 471,628                           | 235,764                           |
| Wyoming.....                   | 62,609                            | 59,518                            |
| Colorado.....                  | 1,565,611                         | 1,243,358                         |
| New Mexico.....                | 210,430                           | 208,980                           |
| Arizona.....                   | 315,497                           | 144,174                           |
| Utah.....                      | 1,009,131                         | 885,236                           |
| Nevada.....                    | 8,888                             | 4,844                             |
| <b>PACIFIC:</b>                |                                   |                                   |
| Washington.....                | 17,442,153                        | 7,715,630                         |
| Oregon.....                    | 2,418,907                         | 1,149,885                         |
| California.....                | 3,573,227                         | 2,034,075                         |

## COMMERCIAL STOCKS OF CANNED SARDINES

### NOT INCLUDING RETAIL STOCKS.

The commercial supply of canned sardines reported in the Food Survey of July 1, 1918, by canners, warehouses, wholesale dealers, and a miscellaneous group of firms, not including retail dealers, amounted to 43,082,944 pounds. Of this amount, 39,614,554 pounds were reported as on hand and 3,468,390 pounds as in transit. The stocks reported as on hand are shown, by classes of business concerns, in the first column of Table 14, and the quantities reported as in transit in the last column of the same table. Of the stocks reported as on hand, the canners held 20.6 per cent; the warehouses, 24.6 per cent; the wholesale dealers, 53.7 per cent; and the miscellaneous group of firms, 1.1 per cent. The relative stocks reported by these classes of concerns are represented graphically in Diagram 10.

The number of schedules received and tabulated for canned sardines is shown by classes of concerns in Table 16.

Table 14.—Stocks of canned sardines reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

| CLASS OF BUSINESS.               | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                              | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|----------------------------------|--|--|----------------------|------------------------------|--|
|                                  |  | 1918 stocks.   |                      | 1917<br>stocks.              |  |
|                                  |  | Quantity.  | Per cent<br>of 1917. |                              |  |
| Total .....                      | <i>Pounds.</i><br>39,614,554                                     | <i>Pounds.</i><br>27,020,919   | 106.4                | <i>Pounds.</i><br>25,394,940 | <i>Pounds.</i><br>3,468,390  |
| Canners.....                     | 8,149,515  | 6,684,731  | 94.5                 | 7,070,546                    | 2,839,303  |
| Warehouses.....                  | 9,736,467  | 1,985,808  | 107.3                | 1,850,817                    | 1,050  |
| Wholesale dealers.....           | 21,299,480   | 17,952,519   | 112.1                | 16,007,874                   | 595,711  |
| Wholesale grocers.....           | 16,215,251   | 14,071,949   | 100.7                | 13,971,933                   | 214,393  |
| Meal packers.....                | 2,748,592  | 2,616,792  | 245.1                | 1,067,591                    | 28,665   |
| Other wholesale<br>dealers ..... | 2,335,637  | 1,263,778  | 130.5                | 968,550                      | 352,653  |
| Miscellaneous.....               | 429,092  | 397,861  | 85.4                 | 465,703                      | 32,326   |
| Salt-fish packers.....           | 364,099  | 354,949  | 96.0                 | 369,587                      | 2,936  |
| Other miscellaneous .....        | 64,993   | 42,912   | 44.6                 | 96,116                       | 29,390   |

DIAGRAM 10.—DISTRIBUTION OF TOTAL STOCKS OF CANNED SARDINES REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

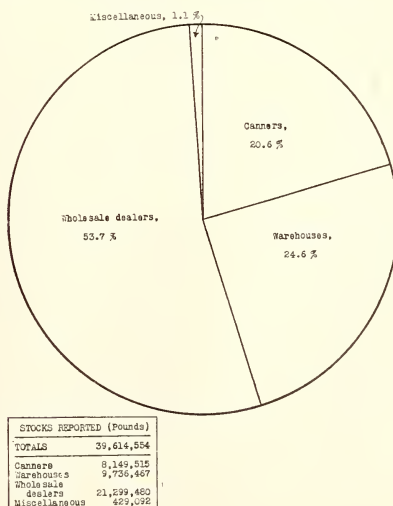




Table 15.—Stocks of canned sardines reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |           |             |                    |                    |               |                          |                | Quantity reported as in transit on July 1, 1918. |
|--------------------------------|--|-----------|-------------|--------------------|--------------------|---------------|--------------------------|----------------|--|
|                                | TOTAL.                                   | Canners.  | Warehouses. | Wholesale dealers. |                    |               |                          | Miscellaneous. |  |
|                                |  |           |             | Total.             | Wholesale grocers. | Meat packers. | Other wholesale dealers. |                |  |
|                                | Pounds.                                  | Pounds.   | Pounds.     | Pounds.            | Pounds.            | Pounds.       | Pounds.                  | Pounds.        | Pounds.  |
| United States.....             | 39,614,554                               | 8,149,515 | 9,736,467   | 21,299,480         | 16,215,251         | 2,748,592     | 2,335,637                | 429,092        | 3,468,390  |
| GEOGRAPHIC DIVISIONS:          |  |           |             |                    |                    |               |                          |                |  |
| New England.....               | 8,117,088                                | 6,843,231 | 126,862     | 1,136,422          | 904,952            | 84,792        | 146,678                  | 10,573         | 2,381,505  |
| Middle Atlantic.....           | 14,110,716                               | 75,503    | 8,157,067   | 5,724,331          | 3,902,753          | 534,435       | 1,287,143                | 153,815        | 96,839   |
| East North Central.....        | 4,249,199                                |           | 428,387     | 3,767,526          | 3,019,177          | 425,139       | 323,210                  | 53,286         | 74,062   |
| West North Central.....        | 3,272,070                                |           | 431,084     | 2,724,476          | 1,951,966          | 541,452       | 231,058                  | 116,510        | 33,192   |
| South Atlantic.....            | 2,408,256                                | 329       | 131,142     | 2,269,124          | 1,723,372          | 439,276       | 106,476                  | 7,661          | 34,239   |
| East South Central.....        | 1,278,854                                |           | 2,200       | 1,275,433          | 1,069,790          | 175,947       | 29,696                   | 1,221          | 6,519  |
| West South Central.....        | 2,640,012                                | 2,812     | 174,320     | 2,461,780          | 2,111,759          | 238,616       | 111,405                  | 1,100          | 21,123   |
| Mountain.....                  | 747,942                                  |           | 12,140      | 727,279            | 652,312            | 52,066        | 22,901                   | 8,523          | 33,420   |
| Pacific.....                   | 2,790,417                                | 1,227,640 | 273,265     | 1,213,109          | 879,170            | 256,869       | 77,070                   | 76,403         | 787,491  |
| NEW ENGLAND:                   |  |           |             |                    |                    |               |                          |                |  |
| Maine.....                     | 6,978,699                                | 6,840,268 | 26,798      | 108,816            | 100,581            | 7,647         | 588                      | 2,817          | 2,378,408  |
| New Hampshire.....             | 57,649                                   |           |             | 57,264             | 37,840             | 2,142         | 17,282                   | 385            | 224  |
| Vermont.....                   | 23,439                                   |           |             | 23,417             | 16,652             | 2,400         | 4,365                    | 22             | 60   |
| Massachusetts.....             | 769,652                                  | 2,963     | 100,064     | 660,877            | 499,575            | 46,909        | 114,393                  | 5,748          | 2,448  |
| Rhode Island.....              | 99,012                                   |           |             | 98,939             | 81,120             | 10,534        | 7,285                    | 73             | 75   |
| Connecticut.....               | 188,637                                  |           |             | 187,109            | 169,184            | 15,160        | 2,765                    | 1,528          | 290  |
| MIDDLE ATLANTIC:               |  |           |             |                    |                    |               |                          |                |  |
| New York.....                  | 11,649,788                               | 75,473    | 7,624,989   | 3,806,922          | 2,296,501          | 271,573       | 1,238,848                | 142,404        | 58,304   |
| New Jersey.....                | 323,054                                  | 30        | 41,550      | 272,432            | 214,565            | 50,735        | 7,132                    | 9,042          | 51   |
| Pennsylvania.....              | 2,137,874                                |           | 490,528     | 1,644,977          | 1,391,687          | 212,127       | 41,163                   | 2,369          | 38,484   |
| EAST NORTH CENTRAL:            |  |           |             |                    |                    |               |                          |                |  |
| Ohio.....                      | 1,187,828                                |           | 140,734     | 1,046,205          | 916,941            | 98,354        | 30,910                   | 889            | 9,940  |
| Indiana.....                   | 288,612                                  |           | 336         | 286,162            | 270,383            | 5,188         | 10,591                   | 2,114          | 765  |
| Illinois.....                  | 1,831,170                                |           | 284,017     | 1,510,543          | 1,021,382          | 228,885       | 260,276                  | 36,610         | 56,369   |
| Michigan.....                  | 462,461                                  |           | 900         | 459,660            | 395,843            | 54,167        | 9,650                    | 1,901          | 1,335  |
| Wisconsin.....                 | 479,128                                  |           | 2,400       | 464,956            | 414,628            | 38,545        | 11,783                   | 11,772         | 5,633  |
| WEST NORTH CENTRAL:            |  |           |             |                    |                    |               |                          |                |  |
| Minnesota.....                 | 919,667                                  |           | 320,182     | 598,463            | 453,036            | 83,465        | 61,962                   | 1,022          | 10,839   |
| Iowa.....                      | 468,262                                  |           | 3,534       | 459,822            | 400,657            | 36,134        | 23,031                   | 4,906          | 4,279  |
| Missouri.....                  | 819,197                                  |           | 64,403      | 669,173            | 523,454            | 48,184        | 97,535                   | 85,621         | 9,633  |
| North Dakota.....              | 102,597                                  |           |             | 102,596            | 56,138             | 22,856        | 23,602                   | 1              | 2,353  |
| South Dakota.....              | 87,593                                   |           |             | 86,663             | 77,819             | 7,044         | 1,800                    | 930            | 12   |
| Nebraska.....                  | 445,377                                  |           | 42,965      | 378,859            | 151,821            | 203,940       | 23,098                   | 23,553         | 1,540  |
| Kansas.....                    | 429,377                                  |           |             | 428,900            | 289,041            | 139,829       | 30                       | 477            | 4,536  |
| SOUTH ATLANTIC:                |  |           |             |                    |                    |               |                          |                |  |
| Delaware.....                  | 30,700                                   |           |             | 30,700             | 21,580             | 9,120         |                          |                | 500  |
| Maryland.....                  | 270,100                                  | 329       | 22,935      | 244,672            | 195,738            | 15,094        | 33,840                   | 2,164          | 635  |
| District of Columbia.....      | 181,965                                  |           | 57,582      | 124,383            | 89,368             | 35,015        |                          |                | 100  |
| Virginia.....                  | 421,677                                  |           | 21,000      | 399,964            | 277,163            | 109,546       | 13,255                   | 713            | 2,307  |
| West Virginia.....             | 181,212                                  |           |             | 181,211            | 132,209            | 45,972        | 3,030                    | 1              | 3,698  |
| North Carolina.....            | 201,388                                  |           |             | 200,288            | 152,506            | 36,643        | 11,139                   | 1,100          | 5,556  |
| South Carolina.....            | 226,670                                  |           | 21,850      | 204,820            | 175,887            | 6,530         | 22,403                   |                | 3,530  |
| Georgia.....                   | 604,930                                  |           | 7,775       | 593,781            | 493,123            | 78,232        | 22,426                   | 3,374          | 14,527   |
| Florida.....                   | 289,614                                  |           |             | 289,305            | 185,798            | 103,124       | 383                      | 399            | 3,386  |
| EAST SOUTH CENTRAL:            |  |           |             |                    |                    |               |                          |                |  |
| Kentucky.....                  | 286,100                                  |           |             | 285,866            | 248,717            | 27,111        | 10,038                   | 234            | 1,253  |
| Tennessee.....                 | 342,089                                  |           |             | 341,896            | 278,841            | 53,177        | 9,878                    | 193            | 3,302  |
| Alabama.....                   | 339,021                                  |           | 2,200       | 336,508            | 283,457            | 47,545        | 5,506                    | 313            | 1,615  |
| Mississippi.....               | 311,644                                  |           |             | 311,163            | 258,775            | 48,114        | 4,274                    | 481            | 349  |
| WEST SOUTH CENTRAL:            |  |           |             |                    |                    |               |                          |                |  |
| Arkansas.....                  | 262,492                                  |           |             | 262,354            | 229,504            | 28,927        | 3,923                    | 138            | 805  |
| Louisiana.....                 | 805,067                                  | 2,812     | 173,302     | 628,324            | 536,093            | 29,555        | 62,676                   | 629            | 3,163  |
| Oklahoma.....                  | 290,411                                  |           |             | 290,331            | 199,204            | 88,365        | 2,762                    | 80             | 1,711  |
| Texas.....                     | 1,282,042                                |           | 1,018       | 1,280,771          | 1,146,958          | 91,769        | 42,044                   | 253            | 15,444   |
| MOUNTAIN:                      |  |           |             |                    |                    |               |                          |                |  |
| Montana.....                   | 66,081                                   |           |             | 65,177             | 57,210             | 7,720         | 247                      | 904            | 549  |
| Idaho.....                     | 95,734                                   |           |             | 95,710             | 88,661             | 2,917         | 4,132                    | 24             | 29,204   |
| Wyoming.....                   | 23,397                                   |           |             | 23,263             | 23,263             |               |                          | 134            | 140  |
| Colorado.....                  | 268,560                                  |           | 3,050       | 258,080            | 220,559            | 26,407        | 11,114                   | 7,430          | 1,324  |
| New Mexico.....                | 85,534                                   |           | 450         | 85,063             | 84,015             |               | 1,048                    | 21             | 403  |
| Arizona.....                   | 65,305                                   |           |             | 65,295             | 52,011             | 10,524        | 2,760                    | 10             | 800  |
| Utah.....                      | 140,565                                  |           | 8,640       | 131,925            | 123,827            | 4,498         | 3,600                    |                | 1,000  |
| Nevada.....                    | 2,766                                    |           |             | 2,766              |                    | 2,766         |                          |                |  |
| PACIFIC:                       |  |           |             |                    |                    |               |                          |                |  |
| Washington.....                | 303,099                                  | 76,080    |             | 225,349            | 111,099            | 92,689        | 21,561                   | 1,670          | 3,941  |
| Oregon.....                    | 125,669                                  |           | 1,440       | 123,318            | 75,991             | 42,365        | 4,962                    | 911            | 1,552  |
| California.....                | 2,361,649                                | 1,151,560 | 271,825     | 864,442            | 692,080            | 121,815       | 50,547                   | 73,822         | 781,998  |

Table 16.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting canned sardines.

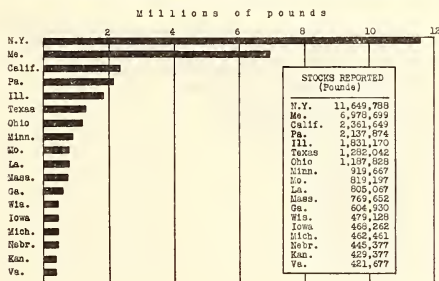
| CLASS OF BUSINESS.           | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|------------------------------|----------------------------------|---|
| <b>Total</b> .....           | <b>5,448</b>                     | <b>4,256</b>                            |
| Canners.....                 | 55                               | 42                                      |
| Warehouses.....              | 111                              | 66                                      |
| Wholesale dealers.....       | 4,878                            | 3,885                                   |
| Wholesale grocers.....       | 3,928                            | 3,126                                   |
| Meal packers.....            | 529                              | 451                                     |
| Other wholesale dealers..... | 421                              | 308                                     |
| Miscellaneous.....           | 404                              | 263                                     |
| Salt-fish packers.....       | 35                               | 31                                      |
| Other miscellaneous.....     | 369                              | 232                                     |

## Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial supply of canned sardines, exclusive of retail stocks, is shown in Table 15. The Middle Atlantic division, it may be noticed, far outranked all others in stocks of this commodity, the state of New York alone reporting more than two-sevenths of the total stocks for the entire country. The figures for individual states indicate that Maine ranked second in stocks of canned sardines, California third, Pennsylvania fourth, and Illinois fifth. The stocks reported for the eighteen most important states are shown in graphic form in Diagram 11.

The quantities reported as in transit are shown by geographic divisions and states in the last column of Table 15.

Diagram 11.—Stocks of Canned Sardines Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



## Comparative Figures for 1918 and 1917.

About seven-tenths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year schedules are given by classes of business in Table 14, and by geographic divisions and states in Table 17. The figures indicate that the stocks of the canners, as well as those of the relatively unimportant miscellaneous group of firms, were smaller on the date of the Survey than they were one year earlier. The stocks of the warehouses and the wholesale dealers, on the other hand, showed increases of 7.3 per cent and 12.1 per cent, respectively. The total stocks reported for July 1, 1918, were 6.4 per cent larger than the corresponding stocks on July 1, 1917. The relative stocks on the two dates are represented in graphic form, for the canners, the warehouses, and the wholesale dealers, in Diagram 12.

Diagram 12.—Stocks of Canned Sardines Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

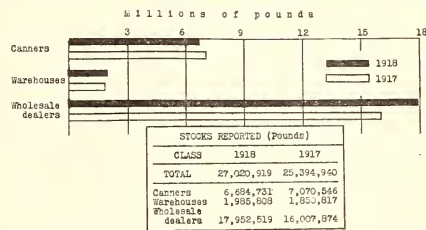


Table 17.—Comparative figures for canned sardines—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | Stocks reported for July 1, 1918. | Stocks reported for July 1, 1917. |
|--------------------------------|-----------------------------------|-----------------------------------|
|                                | Pounds.<br>27,020,919             | Pounds.<br>25,394,940             |
| <b>United States</b> .....     | <b>27,020,919</b>                 | <b>25,394,940</b>                 |
| <b>GEOGRAPHIC DIVISIONS:</b>   |                                   |                                   |
| New England.....               | 7,016,235                         | 7,190,066                         |
| Middle Atlantic.....           | 5,779,037                         | 5,188,152                         |
| East North Central.....        | 3,453,813                         | 2,912,113                         |
| West North Central.....        | 2,928,803                         | 2,332,986                         |
| South Atlantic.....            | 1,912,374                         | 1,540,523                         |
| East South Central.....        | 1,115,641                         | 1,018,023                         |
| West South Central.....        | 2,220,034                         | 2,324,102                         |
| Mountain.....                  | 656,317                           | 611,870                           |
| Pacific.....                   | 1,938,645                         | 2,277,105                         |
| <b>NEW ENGLAND:</b>            |                                   |                                   |
| Maine.....                     | 6,106,495                         | 6,079,476                         |
| New Hampshire.....             | 52,273                            | 38,000                            |
| Vermont.....                   | 13,647                            | 11,470                            |
| Massachusetts.....             | 614,320                           | 745,937                           |
| Rhode Island.....              | 79,433                            | 160,966                           |
| Connecticut.....               | 150,067                           | 153,617                           |
| <b>MIDDLE ATLANTIC:</b>        |                                   |                                   |
| New York.....                  | 3,689,107                         | 3,526,989                         |
| New Jersey.....                | 208,653                           | 182,732                           |
| Pennsylvania.....              | 1,881,297                         | 1,478,431                         |
| <b>EAST NORTH CENTRAL:</b>     |                                   |                                   |
| Ohio.....                      | 966,734                           | 888,407                           |
| Indiana.....                   | 222,610                           | 278,357                           |
| Illinois.....                  | 1,406,198                         | 1,038,524                         |
| Michigan.....                  | 442,382                           | 342,442                           |
| Wisconsin.....                 | 415,889                           | 347,083                           |
| <b>WEST NORTH CENTRAL:</b>     |                                   |                                   |
| Minnesota.....                 | 892,242                           | 487,647                           |
| Iowa.....                      | 436,063                           | 319,321                           |
| Missouri.....                  | 705,503                           | 885,441                           |
| North Dakota.....              | 73,674                            | 74,774                            |
| South Dakota.....              | 69,561                            | 45,316                            |
| Nebraska.....                  | 382,210                           | 190,399                           |
| Kansas.....                    | 369,550                           | 332,088                           |
| <b>SOUTH ATLANTIC:</b>         |                                   |                                   |
| Delaware.....                  | 23,034                            | 13,615                            |
| Maryland.....                  | 217,041                           | 150,885                           |
| District of Columbia.....      | 99,071                            | 53,633                            |
| Virginia.....                  | 314,376                           | 329,384                           |
| West Virginia.....             | 137,455                           | 158,009                           |
| North Carolina.....            | 151,078                           | 125,430                           |
| South Carolina.....            | 195,681                           | 165,178                           |
| Georgia.....                   | 507,185                           | 347,835                           |
| Florida.....                   | 267,453                           | 196,554                           |
| <b>EAST SOUTH CENTRAL:</b>     |                                   |                                   |
| Kentucky.....                  | 250,913                           | 235,462                           |
| Tennessee.....                 | 306,461                           | 345,737                           |
| Alabama.....                   | 310,158                           | 252,928                           |
| Mississippi.....               | 248,109                           | 183,896                           |
| <b>WEST SOUTH CENTRAL:</b>     |                                   |                                   |
| Arkansas.....                  | 241,069                           | 261,590                           |
| Louisiana.....                 | 633,287                           | 632,812                           |
| Oklahoma.....                  | 235,996                           | 281,352                           |
| Texas.....                     | 1,109,682                         | 918,348                           |
| <b>MOUNTAIN:</b>               |                                   |                                   |
| Montana.....                   | 55,759                            | 53,223                            |
| Idaho.....                     | 92,022                            | 89,576                            |
| Wyoming.....                   | 11,822                            | 9,995                             |
| Colorado.....                  | 254,028                           | 169,231                           |
| New Mexico.....                | 30,851                            | 85,986                            |
| Arizona.....                   | 48,552                            | 45,633                            |
| Utah.....                      | 140,517                           | 153,224                           |
| Nevada.....                    | 2,766                             | 7,002                             |
| <b>PACIFIC:</b>                |                                   |                                   |
| Washington.....                | 268,577                           | 292,478                           |
| Oregon.....                    | 102,982                           | 116,962                           |
| California.....                | 1,567,086                         | 1,867,665                         |



## COMMERCIAL STOCKS OF CANNED TOMATOES

### NOT INCLUDING RETAIL STOCKS.

The commercial stocks of canned tomatoes, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by classes of business other than retail dealers, amounted to 116,811,885 pounds, of which amount 115,640,539 pounds represented the stocks on hand and 1,171,346 pounds the quantities in transit. Of the stocks on hand, the canners held 4.5 per cent; the warehouses, 17.4 per cent; the wholesale dealers, 77.8 per cent; and a miscellaneous group of firms, 0.3 per cent. The stocks actually reported as on hand are shown, by classes of business concerns, in the first column of Table 18, and the quantities reported as in transit in the last column. The relative stocks reported by the classes above enumerated are shown graphically in Diagram 13.

The number of schedules received and tabulated for canned tomatoes is shown, by classes of business, in Table 19.

Table 18.—Stocks of canned tomatoes reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

| CLASS OF BUSINESS.                           | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                              | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|--|--|--|----------------------|------------------------------|--|
|  |  | 1918 stocks.   |                      | 1917<br>stocks.              |  |
|  |  | Quantity.  | Per cent<br>of 1917. |                              |  |
| Total -----                                  | <i>Pounds.</i><br>115,640,539                                    | <i>Pounds.</i><br>89,487,503   | 112.8                | <i>Pounds.</i><br>79,311,021 | <i>Pounds.</i><br>1,171,346  |
| Canners -----                                | 5,238,174  | 3,655,841  | 50.8                 | 7,195,267                    | 480,171  |
| Warehouses -----                             | 20,116,957   | 10,357,181   | 182.6                | 5,673,556                    | 252  |
| Wholesale dealers -----                      | 89,922,317   | 75,242,634   | 113.8                | 66,132,364                   | 600,259  |
| <i>Wholesale grocers -----</i>               | <i>78,375,156</i>  | <i>66,002,423</i>  | <i>105.1</i>         | <i>62,783,741</i>            | <i>622,367</i>   |
| <i>Other wholesale<br/>    dealers -----</i> | <i>11,547,161</i>  | <i>9,240,211</i>   | <i>275.9</i>         | <i>3,348,623</i>             | <i>67,892</i>  |
| Miscellaneous -----                          | 363,091  | 231,847  | 74.8                 | 309,834                      | 664  |

Diagram 13.—Distribution of Total Stocks of Canned Tomatoes Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

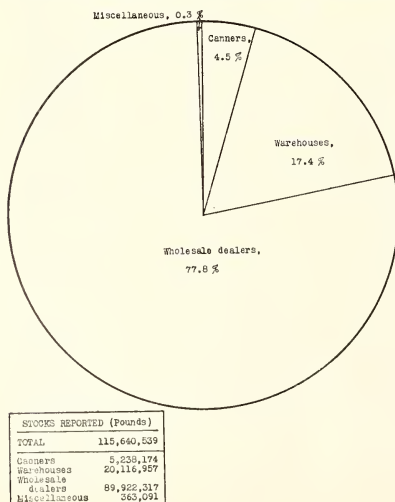


Table 19.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting canned tomatoes.

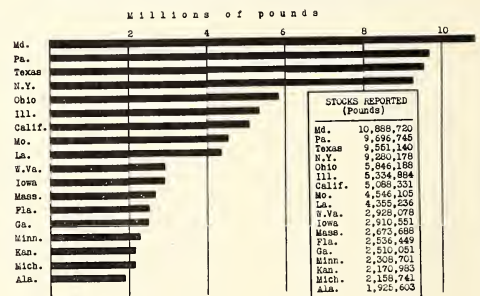
| CLASS OF BUSINESS.           | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|------------------------------|----------------------------------|---|
| <b>Total</b> .....           | <b>5,740</b>                     | <b>4,398</b>                            |
| Canners.....                 | 144                              | 93                                      |
| Warehouses.....              | 158                              | 88                                      |
| Wholesale dealers.....       | 4,819                            | 3,823                                   |
| Wholesale grocers.....       | 3,925                            | 3,430                                   |
| Other wholesale dealers..... | 894                              | 693                                     |
| Miscellaneous.....           | 619                              | 394                                     |

### Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of canned tomatoes reported by the classes of business concerns here considered is shown in Table 20. The South Atlantic division, it may be noticed, ranked first in stocks of this commodity reported, with the Middle Atlantic division second. The figures for individual states indicate that the state of Maryland alone reported 10,888,720 pounds, or more than one-eleventh of the stocks reported for the entire country. Pennsylvania ranked second in stocks reported, Texas third, and New York fourth. The stocks reported for the eighteen most important states are shown graphically in Diagram 14.

The quantities reported as in transit are shown by geographic divisions and states in the last column of Table 20.

Diagram 14.—Stocks of Canned Tomatoes Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



### Comparative Figures for 1918 and 1917.

More than three-fourths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year schedules are given by classes of business in Table 18, and by geographic divisions and states in Table 21. The figures indicate that while the stocks of the canners were only about one-half as large on the date of the Survey as they were one year earlier, the warehouses and the wholesale dealers reported material increases. These increases amounted to 82.6 per cent in the case of the warehouses, and 13.8 per cent in the case of the wholesale dealers. The total stocks reported by the classes of concerns here considered were 12.8 per cent larger on July 1, 1918, than on July 1, 1917. The comparative stocks on the two dates are represented graphically, for the canners, the warehouses, and the wholesale dealers, in Diagram 15.



Table 20.—Stocks of canned tomatoes reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |                      |                       |                       |                       |                          |                    | Quantity reported as in transit on July 1, 1918. |
|--------------------------------|--|----------------------|-----------------------|-----------------------|-----------------------|--------------------------|--------------------|--|
|                                | TOTAL.                                   | Canners.             | Warehouses.           | Wholesale dealers.    |                       |                          | Miscellaneous.     |  |
|                                |  |                      |                       | Total.                | Wholesale grocers.    | Other wholesale dealers. |                    |  |
| United States                  | Pounds.<br>115,640,539                   | Pounds.<br>5,238,174 | Pounds.<br>20,116,957 | Pounds.<br>89,922,317 | Pounds.<br>78,375,156 | Pounds.<br>11,547,161    | Pounds.<br>363,091 | Pounds.<br>1,171,346                             |
| GEOGRAPHIC DIVISIONS:          |  |                      |                       |                       |                       |                          |                    |  |
| New England                    | 4,534,808                                | 2,970                | 782,908               | 3,728,435             | 3,248,293             | 480,142                  | 20,495             | 14,260   |
| Middle Atlantic                | 20,579,556                               | 745,557              | 4,730,912             | 14,985,168            | 13,068,898            | 1,916,270                | 117,919            | 132,971  |
| East North Central             | 16,105,135                               | 398,672              | 1,992,280             | 13,679,020            | 12,428,691            | 1,250,329                | 35,163             | 151,029  |
| West North Central             | 14,032,007                               | 179,993              | 770,765               | 13,056,955            | 10,897,729            | 2,159,226                | 24,294             | 202,022  |
| South Atlantic                 | 23,616,802                               | 1,416,731            | 9,862,869             | 12,309,302            | 10,167,333            | 2,141,969                | 27,900             | 237,476  |
| East South Central             | 6,441,251                                | 263,188              | 155,530               | 6,010,307             | 5,064,731             | 945,576                  | 8,226              | 33,838   |
| West North Central             | 16,835,328                               | 487,165              | 469,528               | 15,856,994            | 14,408,802            | 1,448,192                | 21,641             | 73,003   |
| Mountain                       | 6,579,590                                | 195,733              | 133,218               | 6,187,138             | 5,581,759             | 605,379                  | 63,501             | 254,213  |
| Pacific                        | 6,916,062                                | 1,548,165            | 1,214,947             | 4,108,998             | 3,508,920             | 600,078                  | 43,952             | 72,534   |
| NEW ENGLAND:                   |  |                      |                       |                       |                       |                          |                    |  |
| Maine                          | 486,595                                  |                      | 10,600                | 473,493               | 411,051               | 62,442                   | 2,502              | 3,444  |
| New Hampshire                  | 162,796                                  | 1,430                |                       | 161,005               | 154,391               | 6,614                    | 361                | 3,180  |
| Vermont                        | 69,167                                   |                      |                       | 68,785                | 62,801                | 5,984                    | 382                | 285  |
| Massachusetts                  | 2,673,688                                | 360                  | 731,882               | 1,927,937             | 1,664,340             | 263,597                  | 13,509             | 6,491  |
| Rhode Island                   | 370,253                                  |                      | 19,426                | 349,394               | 250,460               | 98,934                   | 1,433              | 860  |
| Connecticut                    | 772,309                                  | 1,180                | 21,000                | 747,821               | 705,250               | 42,571                   | 2,308              |  |
| MIDDLE ATLANTIC:               |  |                      |                       |                       |                       |                          |                    |  |
| New York                       | 9,280,178                                | 62,893               | 1,638,993             | 7,526,357             | 6,735,653             | 790,704                  | 51,935             | 55,909   |
| New Jersey                     | 1,602,633                                | 682,664              | 126,540               | 750,118               | 612,142               | 137,976                  | 43,311             | 576  |
| Pennsylvania                   | 9,696,745                                |                      | 2,965,379             | 6,708,693             | 5,721,103             | 987,590                  | 22,673             | 76,486   |
| EAST NORTH CENTRAL:            |  |                      |                       |                       |                       |                          |                    |  |
| Ohio                           | 5,846,188                                | 2,812                | 253,368               | 5,581,648             | 5,301,318             | 280,330                  | 8,360              | 25,418   |
| Indiana                        | 1,728,497                                | 52,359               |                       | 1,672,672             | 1,654,670             | 18,002                   | 3,466              | 20,239   |
| Illinois                       | 5,334,884                                | 60,348               | 1,695,056             | 3,567,750             | 3,089,961             | 477,789                  | 11,730             | 60,053   |
| Michigan                       | 2,158,741                                | 282,793              | 43,856                | 1,824,860             | 1,393,695             | 431,165                  | 7,232              | 31,280   |
| Wisconsin                      | 1,036,825                                | 360                  |                       | 1,032,090             | 989,047               | 43,043                   | 4,375              | 14,039   |
| WEST NORTH CENTRAL:            |  |                      |                       |                       |                       |                          |                    |  |
| Minnesota                      | 2,308,701                                |                      | 31,975                | 2,270,895             | 2,119,094             | 151,801                  | 5,831              | 32,832   |
| Iowa                           | 2,910,551                                | 113,360              | 428,026               | 2,365,978             | 2,145,681             | 220,297                  | 3,187              | 79,518   |
| Missouri                       | 4,546,105                                | 66,633               | 200,700               | 4,271,172             | 3,017,716             | 1,253,456                | 7,600              | 41,604   |
| North Dakota                   | 432,492                                  |                      |                       | 432,296               | 377,060               | 55,236                   | 196                | 7,294  |
| South Dakota                   | 357,155                                  |                      |                       | 357,155               | 307,695               | 49,460                   |                    | 600  |
| Nebraska                       | 1,306,020                                |                      | 98,904                | 1,204,799             | 991,977               | 212,822                  | 2,317              | 7,640  |
| Kansas                         | 2,170,983                                |                      | 11,160                | 2,154,660             | 1,938,506             | 216,154                  | 5,163              | 32,534   |
| SOUTH ATLANTIC:                |  |                      |                       |                       |                       |                          |                    |  |
| Delaware                       | 302,445                                  | 156,428              | 37,982                | 108,035               | 17,277                | 90,758                   |                    | 1,780  |
| Maryland                       | 10,888,720                               | 1,015,624            | 9,293,896             | 570,917               | 385,430               | 185,487                  | 8,283              | 160,773  |
| District of Columbia           | 426,633                                  |                      | 165,600               | 260,228               | 73,052                | 187,176                  | 805                |  |
| Virginia                       | 1,912,088                                | 238,307              | 16,000                | 1,654,770             | 1,360,258             | 294,512                  | 3,011              | 34,177   |
| West Virginia                  | 2,928,078                                | 460                  |                       | 2,927,177             | 2,376,547             | 550,630                  | 441                | 16,661   |
| North Carolina                 | 1,090,907                                |                      |                       | 1,086,877             | 904,360               | 182,517                  | 4,030              | 3,658  |
| South Carolina                 | 1,021,431                                |                      | 70,495                | 950,936               | 802,597               | 148,339                  |                    | 7,110  |
| Georgia                        | 2,510,051                                |                      | 278,896               | 2,221,895             | 2,003,077             | 218,818                  | 9,260              | 6,105  |
| Florida                        | 2,536,449                                | 5,912                |                       | 2,528,467             | 2,244,735             | 283,732                  | 2,070              | 7,212  |
| EAST SOUTH CENTRAL:            |  |                      |                       |                       |                       |                          |                    |  |
| Kentucky                       | 1,310,269                                | 120,720              |                       | 1,187,316             | 1,143,077             | 44,239                   | 2,233              | 5,924  |
| Tennessee                      | 1,726,319                                | 36,825               | 7,170                 | 1,676,775             | 1,310,599             | 366,176                  | 5,549              | 9,268  |
| Alabama                        | 1,925,603                                | 86                   | 152,360               | 1,772,770             | 1,514,506             | 258,264                  | 387                | 12,128   |
| Mississippi                    | 1,479,060                                | 105,557              |                       | 1,373,446             | 1,096,549             | 276,897                  | 57                 | 6,518  |
| WEST SOUTH CENTRAL:            |  |                      |                       |                       |                       |                          |                    |  |
| Arkansas                       | 1,409,676                                | 3,000                |                       | 1,399,361             | 1,178,109             | 221,252                  | 7,315              | 2,164  |
| Louisiana                      | 4,355,236                                | 479,292              | 147,023               | 3,717,427             | 3,349,273             | 368,154                  | 11,494             | 20,315   |
| Oklahoma                       | 1,519,276                                |                      | 42,457                | 1,476,413             | 1,469,322             | 7,091                    | 406                | 21,449   |
| Texas                          | 9,551,140                                | 4,873                | 280,048               | 9,263,793             | 8,412,098             | 851,695                  | 2,426              | 29,075   |
| MOUNTAIN:                      |  |                      |                       |                       |                       |                          |                    |  |
| Montana                        | 1,516,720                                |                      | 27,420                | 1,428,084             | 1,114,447             | 313,637                  | 61,216             | 6,432  |
| Idaho                          | 755,231                                  |                      | 51,150                | 703,996               | 670,928               | 33,068                   | 85                 | 34,310   |
| Wyoming                        | 293,902                                  |                      |                       | 293,771               | 293,771               |                          | 131                | 2,130  |
| Colorado                       | 1,868,483                                | 10,308               | 47,948                | 1,808,538             | 1,582,296             | 226,242                  | 1,689              | 95,150   |
| New Mexico                     | 690,819                                  | 1,425                | 6,700                 | 682,660               | 681,330               | 1,330                    | 34                 | 4,500  |
| Arizona                        | 381,066                                  |                      |                       | 380,860               | 352,458               | 28,402                   | 146                | 1,887  |
| Utah                           | 1,040,654                                | 184,000              |                       | 856,454               | 853,754               | 2,700                    | 200                | 109,804  |
| Nevada                         | 32,775                                   |                      |                       | 32,775                | 32,775                |                          |                    |  |
| PACIFIC:                       |  |                      |                       |                       |                       |                          |                    |  |
| Washington                     | 897,534                                  | 2,349                | 27,148                | 856,966               | 724,242               | 132,724                  | 11,071             | 8,464  |
| Oregon                         | 930,197                                  | 1,794                | 16,727                | 910,213               | 878,257               | 31,956                   | 1,463              | 2,625  |
| California                     | 5,088,331                                | 1,544,022            | 1,171,072             | 2,341,819             | 1,906,421             | 435,398                  | 31,418             | 61,445   |

DIAGRAM 15.—STOCKS OF CANNED TOMATOES REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

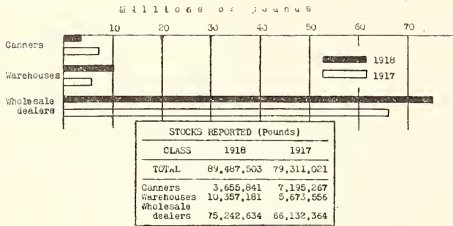


Table 21.—Comparative figures for canned tomatoes—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | Stocks reported for July 1, 1918. | Stocks reported for July 1, 1917. |
|--------------------------------|-----------------------------------|-----------------------------------|
|                                | Pounds.                           | Pounds.                           |
| <b>United States.....</b>      | <b>89,487,503</b>                 | <b>79,311,021</b>                 |
| <b>GEOGRAPHIC DIVISIONS:</b>   |                                   |                                   |
| New England.....               | 3,310,512                         | 3,451,593                         |
| Middle Atlantic.....           | 17,551,243                        | 20,815,298                        |
| East North Central.....        | 13,187,805                        | 12,798,627                        |
| West North Central.....        | 11,653,743                        | 12,690,390                        |
| South Atlantic.....            | 13,826,461                        | 6,988,488                         |
| East South Central.....        | 5,349,238                         | 3,427,661                         |
| West South Central.....        | 13,573,305                        | 9,710,332                         |
| Mountain.....                  | 5,840,287                         | 4,116,348                         |
| Pacific.....                   | 5,214,909                         | 5,312,284                         |
| <b>NEW ENGLAND:</b>            |                                   |                                   |
| Maine.....                     | 381,078                           | 465,505                           |
| New Hampshire.....             | 121,435                           | 220,403                           |
| Vermont.....                   | 41,598                            | 30,535                            |
| Massachusetts.....             | 1,825,506                         | 2,035,791                         |
| Rhode Island.....              | 312,788                           | 301,182                           |
| Connecticut.....               | 398,107                           | 398,177                           |
| <b>MIDDLE ATLANTIC:</b>        |                                   |                                   |
| New York.....                  | 7,296,657                         | 7,316,946                         |
| New Jersey.....                | 1,378,517                         | 6,705,450                         |
| Pennsylvania.....              | 8,876,069                         | 6,792,902                         |
| <b>EAST NORTH CENTRAL:</b>     |                                   |                                   |
| Ohio.....                      | 5,276,387                         | 3,115,729                         |
| Indiana.....                   | 1,080,140                         | 1,561,886                         |
| Illinois.....                  | 3,945,559                         | 5,352,866                         |
| Michigan.....                  | 1,897,997                         | 1,703,115                         |
| Wisconsin.....                 | 987,722                           | 1,065,031                         |
| <b>WEST NORTH CENTRAL:</b>     |                                   |                                   |
| Minnesota.....                 | 2,164,568                         | 1,778,196                         |
| Iowa.....                      | 2,751,996                         | 3,080,592                         |
| Missouri.....                  | 3,137,394                         | 3,090,494                         |
| North Dakota.....              | 407,065                           | 620,583                           |
| South Dakota.....              | 291,687                           | 402,846                           |
| Nebraska.....                  | 1,073,799                         | 1,155,016                         |
| Kansas.....                    | 1,806,334                         | 2,562,563                         |
| <b>SOUTH ATLANTIC:</b>         |                                   |                                   |
| Delaware.....                  | 278,630                           | 94,743                            |
| Maryland.....                  | 4,699,579                         | 1,049,156                         |
| District of Columbia.....      | 220,670                           | 93,383                            |
| Virginia.....                  | 1,193,319                         | 696,894                           |
| West Virginia.....             | 1,914,215                         | 1,450,902                         |
| North Carolina.....            | 896,903                           | 386,404                           |
| South Carolina.....            | 827,481                           | 788,192                           |
| Georgia.....                   | 1,890,921                         | 1,236,356                         |
| Florida.....                   | 1,904,743                         | 1,192,758                         |
| <b>EAST SOUTH CENTRAL:</b>     |                                   |                                   |
| Kentucky.....                  | 1,129,236                         | 751,934                           |
| Tennessee.....                 | 1,441,942                         | 819,313                           |
| Alabama.....                   | 1,725,074                         | 1,386,357                         |
| Mississippi.....               | 1,052,986                         | 470,057                           |
| <b>WEST SOUTH CENTRAL:</b>     |                                   |                                   |
| Arkansas.....                  | 1,152,616                         | 817,146                           |
| Louisiana.....                 | 3,482,203                         | 2,245,338                         |
| Oklahoma.....                  | 964,431                           | 1,168,531                         |
| Texas.....                     | 7,974,055                         | 5,479,268                         |
| <b>MOUNTAIN:</b>               |                                   |                                   |
| Montana.....                   | 1,394,357                         | 664,881                           |
| Idaho.....                     | 714,581                           | 394,309                           |
| Wyoming.....                   | 252,098                           | 258,712                           |
| Colorado.....                  | 1,619,608                         | 1,475,319                         |
| New Mexico.....                | 485,817                           | 339,085                           |
| Arizona.....                   | 305,796                           | 322,620                           |
| Utah.....                      | 1,055,255                         | 569,020                           |
| Nevada.....                    | 32,775                            | 72,342                            |
| <b>PACIFIC:</b>                |                                   |                                   |
| Washington.....                | 830,574                           | 1,738,919                         |
| Oregon.....                    | 775,700                           | 1,078,023                         |
| California.....                | 3,608,635                         | 2,495,342                         |

## COMMERCIAL STOCKS OF CANNED CORN

NOT INCLUDING RETAIL STOCKS.

The commercial supply of canned corn reported in the Food Survey of July 1, 1918, by canners, warehouses, wholesale dealers, and a miscellaneous group of firms, not including retail dealers, amounted to 52,326,315 pounds. Of this amount, 51,552,910 pounds represented stocks on hand and 773,405 pounds quantities in transit. Of the stocks on hand, the canners held 3.4 per cent; the warehouses, 10.6 per cent; the wholesale dealers, 85.7 per cent; and the miscellaneous group of firms, 0.3 per cent. The stocks reported as on hand are shown, by classes of business concerns, in the first column of Table 22, and the quantities in transit in the last column of the same table. The relative stocks reported by the classes of concerns above enumerated are represented graphically in Diagram 16.

The number of schedules received and tabulated for canned corn is shown, by classes of business, in Table 24.

Table 22.—Stocks of canned corn reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

| CLASS OF BUSINESS.                          | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                              | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|---|--|--|----------------------|------------------------------|--|
|   |  | 1918 stocks.   |                      | 1917<br>stocks.              |  |
|   |  | Quantity.  | Per cent<br>of 1917. |                              |  |
| Total-----                                  | <i>Pounds.</i><br>51,552,910                                     | <i>Pounds.</i><br>41,463,117   | 100.9                | <i>Pounds.</i><br>41,109,081 | <i>Pounds.</i><br>773,405  |
| Canners-----                                | 1,737,694  | 1,032,078  | 158.6                | 650,683                      | 274,323  |
| Warehouses-----                             | 5,486,034  | 3,532,570  | 264.2                | 1,336,840                    | -----  |
| Wholesale dealers-----                      | 44,183,624   | 36,811,611   | 94.4                 | 39,012,362                   | 498,842  |
| <i>Wholesale grocers-----</i>               | <i>39,250,128</i>  | <i>32,971,079</i>  | <i>88.4</i>          | <i>37,304,281</i>            | <i>432,466</i>   |
| <i>Other wholesale<br/>    dealers-----</i> | <i>4,933,496</i>   | <i>3,840,532</i>   | <i>224.8</i>         | <i>1,708,081</i>             | <i>66,376</i>  |
| Miscellaneous-----                          | 145,558  | 86,858   | 79.5                 | 109,196                      | 240  |

DIAGRAM 16.—DISTRIBUTION OF TOTAL STOCKS OF CANNED CORN REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

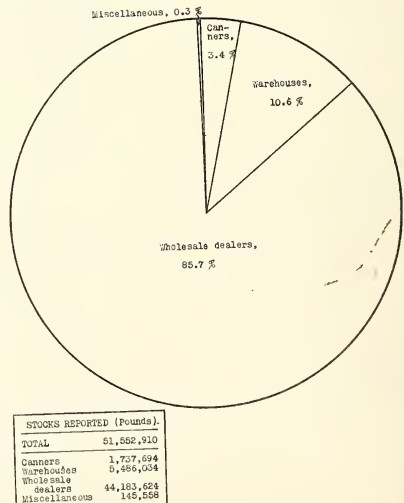




Table 23.—Stocks of canned corn reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |                      |                      |                       |                       |                          |                    | Quantity reported as in transit on July 1, 1918. |
|--------------------------------|--|----------------------|----------------------|-----------------------|-----------------------|--------------------------|--------------------|--|
|                                | TOTAL.                                   | Canners.             | Warehouses.          | Wholesale dealers.    |                       |                          | Miscellaneous.     |  |
|                                |  |                      |                      | Total.                | Wholesale grocers.    | Other wholesale dealers. |                    |  |
| United States.....             | Pounds.<br>51,552,910                    | Pounds.<br>1,737,694 | Pounds.<br>5,486,034 | Pounds.<br>44,183,624 | Pounds.<br>39,250,128 | Pounds.<br>4,933,496     | Pounds.<br>145,558 | Pounds.<br>773,405                               |
| GEOGRAPHIC DIVISIONS:          |  |                      |                      |                       |                       |                          |                    |  |
| New England.....               | 1,337,567                                | 3,112                | 129,660              | 1,196,490             | 1,094,063             | 102,427                  | 8,305              | 6,543  |
| Middle Atlantic.....           | 8,065,806                                | 566,273              | 1,085,251            | 6,383,201             | 5,630,770             | 752,431                  | 31,081             | 103,504  |
| East North Central.....        | 13,411,839                               | 470,749              | 1,657,067            | 11,250,666            | 9,201,880             | 2,049,786                | 33,357             | 180,993  |
| West North Central.....        | 7,577,261                                | 251,550              | 260,870              | 7,042,664             | 6,408,400             | 634,264                  | 22,177             | 307,346  |
| South Atlantic.....            | 6,112,450                                | 290,804              | 1,661,618            | 4,154,430             | 3,800,994             | 353,436                  | 5,598              | 85,387   |
| East South Central.....        | 2,073,745                                | 12,936               | 19,000               | 2,038,055             | 1,833,676             | 204,379                  | 3,754              | 9,756  |
| West South Central.....        | 5,860,987                                |                      | 125,571              | 5,732,654             | 5,438,874             | 293,780                  | 2,762              | 29,652   |
| Mountain.....                  | 3,597,507                                |                      | 5,754                | 3,574,684             | 3,291,366             | 283,318                  | 17,069             | 32,665   |
| Pacific.....                   | 3,515,748                                | 142,270              | 541,243              | 2,810,780             | 2,550,105             | 260,675                  | 21,455             | 17,559   |
| NEW ENGLAND:                   |  |                      |                      |                       |                       |                          |                    |  |
| Maine.....                     | 287,947                                  | 592                  | 17,696               | 268,237               | 262,263               | 5,974                    | 1,422              | 1,330  |
| New Hampshire.....             | 56,807                                   |                      |                      | 53,998                | 53,968                | 30                       | 2,809              | 714  |
| Vermont.....                   | 49,569                                   | 2,520                |                      | 46,237                | 42,857                | 3,380                    | 812                | 962  |
| Massachusetts.....             | 671,610                                  |                      | 56,236               | 612,436               | 578,143               | 34,293                   | 2,938              | 3,288  |
| Rhode Island.....              | 146,418                                  |                      | 55,728               | 90,581                | 48,906                | 41,675                   | 109                | 60   |
| Connecticut.....               | 125,216                                  |                      |                      | 125,001               | 107,926               | 17,075                   | 215                | 189  |
| MIDDLE ATLANTIC:               |  |                      |                      |                       |                       |                          |                    |  |
| New York.....                  | 2,845,968                                | 300,929              | 143,228              | 2,397,657             | 2,131,156             | 266,501                  | 4,154              | 54,709   |
| New Jersey.....                | 573,012                                  | 264,144              |                      | 290,005               | 264,352               | 25,653                   | 18,863             | 252  |
| Pennsylvania.....              | 4,646,826                                | 1,200                | 942,023              | 3,695,539             | 3,235,262             | 460,277                  | 8,064              | 48,543   |
| EAST NORTH CENTRAL:            |  |                      |                      |                       |                       |                          |                    |  |
| Ohio.....                      | 4,338,463                                | 69,504               | 237,750              | 4,027,376             | 3,890,152             | 137,224                  | 3,833              | 45,543   |
| Indiana.....                   | 1,612,877                                | 177,015              |                      | 1,431,955             | 1,417,434             | 14,521                   | 3,907              | 3,999  |
| Illinois.....                  | 5,684,778                                | 206,130              | 1,403,647            | 4,060,874             | 2,358,841             | 1,702,033                | 14,127             | 122,954  |
| Michigan.....                  | 979,964                                  | 1,110                | 15,292               | 957,294               | 829,300               | 127,994                  | 6,268              | 3,915  |
| Wisconsin.....                 | 795,757                                  | 16,990               | 378                  | 773,167               | 706,153               | 67,014                   | 5,222              | 4,582  |
| WEST NORTH CENTRAL:            |  |                      |                      |                       |                       |                          |                    |  |
| Minnesota.....                 | 1,733,645                                | 810                  | 91,200               | 1,633,115             | 1,522,265             | 110,850                  | 8,520              | 14,640   |
| Iowa.....                      | 1,139,757                                | 69,290               | 5,970                | 1,059,794             | 992,177               | 67,617                   | 4,703              | 144,840  |
| Missouri.....                  | 1,995,923                                |                      | 108,900              | 1,882,126             | 1,751,324             | 130,802                  | 4,897              | 106,873  |
| North Dakota.....              | 244,910                                  |                      |                      | 244,746               | 219,185               | 25,561                   | 164                | 4,689  |
| South Dakota.....              | 262,033                                  |                      |                      | 262,033               | 247,431               | 14,602                   |                    | 420  |
| Nebraska.....                  | 992,947                                  | 181,450              | 50,300               | 759,663               | 602,869               | 156,794                  | 1,534              | 5,914  |
| Kansas.....                    | 1,208,046                                |                      | 4,500                | 1,201,187             | 1,073,149             | 128,038                  | 2,359              | 29,970   |
| SOUTH ATLANTIC:                |  |                      |                      |                       |                       |                          |                    |  |
| Delaware.....                  | 21,460                                   |                      |                      | 21,460                | 17,884                | 3,576                    |                    | 263  |
| Maryland.....                  | 2,443,472                                | 289,209              | 1,515,600            | 634,136               | 576,332               | 57,804                   | 4,527              | 59,246   |
| District of Columbia.....      | 209,974                                  |                      | 88,868               | 120,936               | 67,783                | 53,153                   | 170                |  |
| Virginia.....                  | 736,116                                  | 65                   | 56,000               | 679,488               | 592,589               | 86,899                   | 563                | 5,614  |
| West Virginia.....             | 1,747,871                                | 1,530                |                      | 1,746,289             | 1,630,282             | 116,007                  | 52                 | 14,600   |
| North Carolina.....            | 329,755                                  |                      |                      | 329,765               | 323,631               | 6,124                    |                    | 910  |
| South Carolina.....            | 106,060                                  |                      |                      | 106,060               | 97,112                | 8,948                    |                    | 283  |
| Georgia.....                   | 294,215                                  |                      | 1,150                | 293,065               | 282,389               | 10,676                   |                    | 1,640  |
| Florida.....                   | 223,527                                  |                      |                      | 223,241               | 212,992               | 10,249                   | 286                | 2,831  |
| EAST SOUTH CENTRAL:            |  |                      |                      |                       |                       |                          |                    |  |
| Kentucky.....                  | 949,245                                  |                      | 7,500                | 939,954               | 891,868               | 48,086                   | 1,791              | 7,421  |
| Tennessee.....                 | 615,779                                  |                      | 1,500                | 613,157               | 497,736               | 115,421                  | 1,122              | 1,162  |
| Alabama.....                   | 169,539                                  |                      | 10,000               | 158,698               | 153,466               | 5,232                    | 841                | 923  |
| Mississippi.....               | 339,182                                  | 12,936               |                      | 326,246               | 290,606               | 35,640                   |                    | 250  |
| WEST SOUTH CENTRAL:            |  |                      |                      |                       |                       |                          |                    |  |
| Arkansas.....                  | 452,180                                  |                      |                      | 452,126               | 384,194               | 67,932                   | 54                 | 2,100  |
| Louisiana.....                 | 429,131                                  |                      |                      | 427,472               | 377,666               | 49,806                   | 1,659              | 4,469  |
| Oklahoma.....                  | 1,076,676                                |                      | 5,691                | 1,070,846             | 1,070,666             | 180                      | 139                | 10,539   |
| Texas.....                     | 3,903,000                                |                      | 119,880              | 3,782,210             | 3,606,348             | 175,862                  | 910                | 12,544   |
| MOUNTAIN:                      |  |                      |                      |                       |                       |                          |                    |  |
| Montana.....                   | 508,824                                  |                      |                      | 493,037               | 390,525               | 102,512                  | 15,787             | 2,250  |
| Idaho.....                     | 624,084                                  |                      |                      | 624,077               | 612,134               | 11,943                   | 7                  | 14,440   |
| Wyoming.....                   | 154,992                                  |                      |                      | 154,892               | 154,892               |                          | 100                | 3,790  |
| Colorado.....                  | 914,119                                  |                      |                      | 912,959               | 842,508               | 70,451                   | 1,160              | 8,005  |
| New Mexico.....                | 441,254                                  |                      | 5,754                | 435,485               | 434,160               | 1,325                    | 15                 | 800  |
| Arizona.....                   | 462,107                                  |                      |                      | 462,107               | 407,167               | 54,940                   |                    | 1,280  |
| Utah.....                      | 473,289                                  |                      |                      | 473,289               | 431,412               | 41,877                   |                    | 2,100  |
| Nevada.....                    | 18,838                                   |                      |                      | 18,838                | 18,568                | 270                      |                    |  |
| PACIFIC:                       |  |                      |                      |                       |                       |                          |                    |  |
| Washington.....                | 594,067                                  | 1,690                | 10,976               | 577,059               | 517,371               | 59,688                   | 4,342              | 2,962  |
| Oregon.....                    | 489,104                                  |                      | 70,079               | 417,943               | 368,837               | 49,106                   | 1,082              | 840  |
| California.....                | 2,432,577                                | 140,580              | 460,188              | 1,815,778             | 1,663,897             | 151,881                  | 16,031             | 13,757   |



Table 24.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting canned corn.

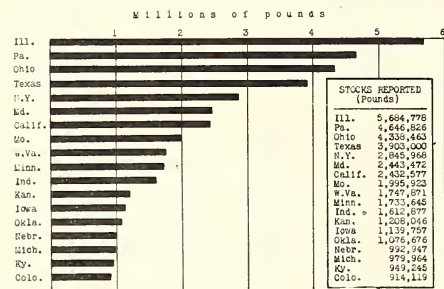
| CLASS OF BUSINESS.           | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|------------------------------|----------------------------------|---|
| <b>Total</b> .....           | <b>4,758</b>                     | <b>3,708</b>                            |
| Canners.....                 | 69                               | 41                                      |
| Warehouses.....              | 104                              | 58                                      |
| Wholesale dealers.....       | 4,114                            | 3,321                                   |
| Wholesale grocers.....       | 3,425                            | 2,774                                   |
| Other wholesale dealers..... | 689                              | 547                                     |
| Miscellaneous.....           | 471                              | 288                                     |

## Geographic Distribution of Stocks Reported.

The geographic distribution of the stocks of canned corn covered by this report is shown in Table 23. The East North Central division, it may be noticed, reported more than one-fourth of the total stocks, while the Middle Atlantic division ranked second in stocks reported, and the West North Central division third. Among the individual states, Illinois ranked first, Pennsylvania second, Ohio third, Texas fourth, and New York fifth. The stocks reported for the eighteen most important states are shown graphically in Diagram 17.

The distribution of the quantities in transit by geographic divisions and states is given in the last column of Table 23.

Diagram 17.—Stocks of Canned Corn Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



## Comparative Figures for 1918 and 1917.

More than four-fifths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 22, and by geographic divisions and states in Table 25. These figures indicate that while the stocks of the canners and the warehouses were materially larger on the date of the Survey than they were one year earlier, the wholesale dealers, who, as above stated, held 85.7 per cent of the total stocks on the date of the Survey, showed a decrease in holdings as compared with those of the earlier date. The total stocks on July 1, 1918, were 0.9 per cent larger than the holdings of the same firms on July 1, 1917. The relative stocks on the two dates are represented graphically, for each class of concerns except the miscellaneous group, in Diagram 18.

Diagram 18.—Stocks of Canned Corn Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

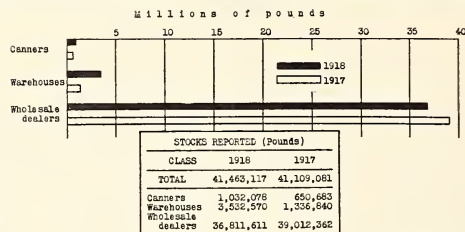


Table 25.—Comparative figures for canned corn—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| Geographic Division and State. | Stocks reported for July 1, 1918. | Stocks reported for July 1, 1917. |
|--------------------------------|-----------------------------------|-----------------------------------|
| <b>United States</b>           | <b>Pounds. 41,463,117</b>         | <b>Pounds. 41,109,081</b>         |
| <b>Geographic Divisions:</b>   |                                   |                                   |
| New England.....               | 1,024,680                         | 1,841,070                         |
| Middle Atlantic.....           | 6,781,976                         | 5,658,706                         |
| East North Central.....        | 10,745,460                        | 9,505,534                         |
| West North Central.....        | 6,787,179                         | 8,565,954                         |
| South Atlantic.....            | 3,958,866                         | 3,328,429                         |
| East South Central.....        | 1,706,715                         | 1,663,915                         |
| West South Central.....        | 4,864,101                         | 4,825,549                         |
| Mountain.....                  | 3,059,556                         | 2,530,455                         |
| Pacific.....                   | 2,531,584                         | 3,189,471                         |
| <b>New England:</b>            |                                   |                                   |
| Maine.....                     | 262,069                           | 590,525                           |
| New Hampshire.....             | 44,847                            | 104,186                           |
| Vermont.....                   | 12,254                            | 60,293                            |
| Massachusetts.....             | 534,398                           | 816,598                           |
| Rhode Island.....              | 88,256                            | 128,943                           |
| Connecticut.....               | 82,856                            | 134,625                           |
| <b>Middle Atlantic:</b>        |                                   |                                   |
| New York.....                  | 2,250,242                         | 2,602,115                         |
| New Jersey.....                | 432,915                           | 337,293                           |
| Pennsylvania.....              | 4,089,819                         | 2,719,298                         |
| <b>East North Central:</b>     |                                   |                                   |
| Ohio.....                      | 3,719,267                         | 2,727,633                         |
| Indiana.....                   | 875,204                           | 1,692,218                         |
| Illinois.....                  | 4,513,846                         | 3,428,931                         |
| Michigan.....                  | 917,828                           | 805,064                           |
| Wisconsin.....                 | 722,315                           | 761,688                           |
| <b>West North Central:</b>     |                                   |                                   |
| Minnesota.....                 | 1,632,802                         | 1,012,965                         |
| Iowa.....                      | 1,060,934                         | 1,872,166                         |
| Missouri.....                  | 1,850,278                         | 2,870,311                         |
| North Dakota.....              | 241,188                           | 256,217                           |
| South Dakota.....              | 201,773                           | 174,930                           |
| Nebraska.....                  | 553,779                           | 894,543                           |
| Kansas.....                    | 946,425                           | 1,484,822                         |
| <b>South Atlantic:</b>         |                                   |                                   |
| Delaware.....                  | 20,810                            | 14,977                            |
| Maryland.....                  | 1,405,856                         | 906,630                           |
| District of Columbia.....      | 61,115                            | 113,385                           |
| Virginia.....                  | 1,428,883                         | 411,161                           |
| West Virginia.....             | 1,284,196                         | 873,143                           |
| North Carolina.....            | 236,152                           | 173,256                           |
| South Carolina.....            | 67,640                            | 98,007                            |
| Georgia.....                   | 260,753                           | 265,062                           |
| Florida.....                   | 193,461                           | 477,808                           |
| <b>East South Central:</b>     |                                   |                                   |
| Kentucky.....                  | 750,315                           | 698,344                           |
| Tennessee.....                 | 495,932                           | 532,012                           |
| Alabama.....                   | 163,119                           | 282,583                           |
| Mississippi.....               | 297,359                           | 150,976                           |
| <b>West South Central:</b>     |                                   |                                   |
| Arkansas.....                  | 376,081                           | 561,427                           |
| Louisiana.....                 | 316,067                           | 458,995                           |
| Oklahoma.....                  | 907,526                           | 698,845                           |
| Texas.....                     | 3,264,427                         | 3,106,282                         |
| <b>Mountain:</b>               |                                   |                                   |
| Montana.....                   | 451,942                           | 208,713                           |
| Idaho.....                     | 613,773                           | 430,790                           |
| Wyoming.....                   | 56,390                            | 140,210                           |
| Colorado.....                  | 833,080                           | 665,112                           |
| New Mexico.....                | 280,012                           | 256,015                           |
| Arizona.....                   | 332,322                           | 227,191                           |
| Utah.....                      | 473,289                           | 579,086                           |
| Nevada.....                    | 18,748                            | 22,436                            |
| <b>Pacific:</b>                |                                   |                                   |
| Washington.....                | 523,283                           | 940,156                           |
| Oregon.....                    | 375,057                           | 654,731                           |
| California.....                | 1,633,244                         | 1,594,584                         |

COMMERCIAL STOCKS OF CANNED PEAS

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of canned peas, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by business concerns other than retail dealers, amounted to 131,161,336 pounds, of which quantity 128,288,702 pounds were reported as on hand and 2,872,634 pounds as in transit. Of the stocks on hand, the canners held 56.5 per cent; the warehouses, 5.5 per cent; the wholesale dealers, 37.7 per cent; and a miscellaneous group of firms, 0.3 per cent. The stocks on hand, as reported by the different classes of business concerns, are given in Table 26, and the quantities reported as in transit are given in the last column of the same table. The relative holdings of the classes of concerns above enumerated are shown graphically in Diagram 19.

The number of schedules upon which the figures in this report are based is shown, by classes of business, in Table 27.

Table 26.—Stocks of canned peas reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

| CLASS OF BUSINESS          | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                              | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|----------------------------|--|--|----------------------|------------------------------|--|
|                            |  | 1918 stocks.   |                      | 1917<br>stocks.              |  |
|                            |  | Quantity.  | Per cent<br>of 1917. |                              |  |
| Total                      | <i>Pounds.</i><br>128,288,702                                    | <i>Pounds.</i><br>102,633,537  | 135.6                | <i>Pounds.</i><br>75,678,499 | <i>Pounds.</i><br>2,872,634  |
| Canners                    | 72,545,005   | 58,952,883   | 198.2                | 29,743,754                   | 2,524,930  |
| Warehouses                 | 7,100,629  | 3,187,544  | 133.2                | 2,393,494                    | 57   |
| Wholesale dealers          | 48,321,747   | 40,274,597   | 92.9                 | 43,343,034                   | 347,269  |
| Wholesale grocers          | 43,372,180   | 36,037,497   | 89.0                 | 40,499,529                   | 287,170  |
| Other wholesale<br>dealers | 4,949,567  | 4,237,100  | 149.0                | 2,843,505                    | 60,099   |
| Miscellaneous              | 321,321  | 218,513  | 110.2                | 198,217                      | 378  |

Diagram 19.—Distribution of Total Stocks of Canned Peas Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

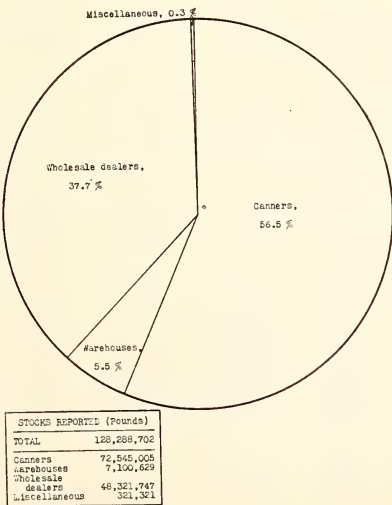


Table 27.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting canned peas.

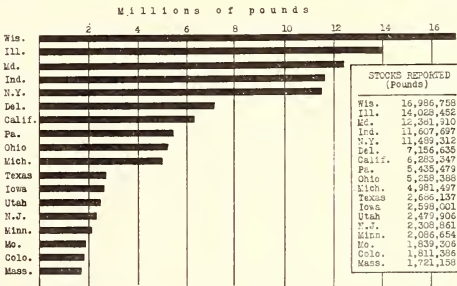
| CLASS OF BUSINESS.      | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|-------------------------|----------------------------------|---|
| Total                   | 5,194                            | 4,054                                   |
| Canners                 | 213                              | 166                                     |
| Warehouses              | 123                              | 76                                      |
| Wholesale dealers       | 4,366                            | 3,511                                   |
| Wholesale grocers       | 3,397                            | 2,899                                   |
| Other wholesale dealers | 769                              | 612                                     |
| Miscellaneous           | 492                              | 301                                     |

Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of canned peas, as reported by the classes of concerns here considered, is shown in Table 28. The East North Central division, as the figures indicate, reported about two-fifths of the total stocks of canned peas. The South Atlantic division ranked second in stocks of canned peas, with nearly one-fifth of the United States total, and the Middle Atlantic division third. Among the individual states, Wisconsin ranked first, Illinois second, Maryland third, Indiana fourth, and New York fifth. The stocks reported for the eighteen most important states are represented in graphic form in Diagram 20.

The quantities reported as in transit are shown by geographic divisions and states in the last column of Table 28.

Diagram 20.—Stocks of Canned Peas Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



Comparative Figures for 1918 and 1917.

About four-fifths of the returns, based on the quantity reported gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year reports are given by classes of business in Table 26, and by geographic divisions and states in Table 29. These figures indicate that, with the exception of the stocks held by the wholesale dealers, the holdings on the date of the Survey were materially larger than the corresponding holdings one year earlier. The total stocks of canned peas reported for July 1, 1918, were 35.6 per cent larger than those held by the same firms on July 1, 1917. The relative stocks on the two dates are shown graphically, for the canners, the warehouses, and the wholesale dealers, in Diagram 21.



Table 28.—Stocks of canned peas reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |                       |                      |                       |                       |                          |                    | Quantity reported as in transit on July 1, 1918. |
|--------------------------------|--|-----------------------|----------------------|-----------------------|-----------------------|--------------------------|--------------------|--|
|                                | TOTAL.                                   | Canners.              | Warehouses.          | Wholesale dealers.    |                       |                          | Miscellaneous.     |  |
|                                |  |                       |                      | Total.                | Wholesale grocers.    | Other wholesale dealers. |                    |  |
| United States.....             | Pounds.<br>128,288,702                   | Pounds.<br>72,545,005 | Pounds.<br>7,100,629 | Pounds.<br>48,321,747 | Pounds.<br>43,372,180 | Pounds.<br>4,949,567     | Pounds.<br>321,321 | Pounds.<br>2,872,634                             |
| GEOGRAPHIC DIVISIONS:          |  |                       |                      |                       |                       |                          |                    |  |
| New England.....               | 3,023,068                                | 1,860                 | 542,022              | 2,465,532             | 2,210,720             | 254,812                  | 13,654             | 5,710  |
| Middle Atlantic.....           | 19,233,652                               | 7,714,547             | 3,051,578            | 8,313,132             | 7,517,051             | 796,081                  | 154,395            | 479,664  |
| East North Central.....        | 52,862,792                               | 40,065,379            | 810,202              | 11,950,838            | 10,598,149            | 1,352,689                | 36,373             | 594,589  |
| West North Central.....        | 9,467,465                                | 366,590               | 251,335              | 8,786,282             | 7,937,665             | 848,617                  | 63,258             | 81,409   |
| South Atlantic.....            | 22,925,686                               | 16,870,119            | 2,064,575            | 3,971,307             | 3,534,918             | 436,389                  | 19,685             | 1,612,542  |
| East South Central.....        | 2,954,187                                | 560,529               | 16,494               | 2,373,738             | 2,281,968             | 91,770                   | 3,426              | 4,898  |
| West South Central.....        | 4,729,265                                | 19,250                | 64,316               | 4,644,269             | 4,216,341             | 427,928                  | 1,430              | 20,525   |
| Mountain.....                  | 6,002,110                                | 3,270,911             | 32,220               | 2,690,965             | 2,337,117             | 353,848                  | 8,014              | 57,596   |
| Pacific.....                   | 7,090,477                                | 3,675,820             | 267,887              | 3,125,684             | 2,738,251             | 387,433                  | 21,086             | 15,701   |
| NEW ENGLAND:                   |  |                       |                      |                       |                       |                          |                    |  |
| Maine.....                     | 479,834                                  |                       | 500                  | 478,053               | 458,885               | 19,168                   | 1,281              | 2,012  |
| New Hampshire.....             | 122,038                                  | 1,860                 |                      | 119,241               | 111,503               | 7,738                    | 937                | 350  |
| Vermont.....                   | 54,587                                   |                       |                      | 54,257                | 45,285                | 8,972                    | 330                | 256  |
| Massachusetts.....             | 1,721,158                                |                       | 485,402              | 1,230,119             | 1,142,221             | 87,898                   | 5,637              | 2,652  |
| Rhode Island.....              | 356,114                                  |                       | 26,720               | 328,405               | 233,002               | 95,403                   | 989                | 380  |
| Connecticut.....               | 289,337                                  |                       | 29,400               | 255,457               | 219,824               | 35,633                   | 4,480              | 60   |
| MIDDLE ATLANTIC:               |  |                       |                      |                       |                       |                          |                    |  |
| New York.....                  | 11,489,312                               | 5,214,738             | 2,388,833            | 3,748,678             | 3,480,950             | 267,728                  | 137,063            | 206,928  |
| New Jersey.....                | 2,308,861                                | 1,644,908             |                      | 656,632               | 593,910               | 62,722                   | 7,321              | 62,298   |
| Pennsylvania.....              | 5,435,479                                | 854,901               | 662,745              | 3,907,822             | 3,442,191             | 465,631                  | 10,011             | 210,438  |
| EAST NORTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Ohio.....                      | 5,258,388                                | 1,624,199             | 31,493               | 3,597,261             | 3,565,727             | 31,534                   | 5,435              | 86,425   |
| Indiana.....                   | 11,607,697                               | 9,851,398             |                      | 1,753,521             | 1,598,365             | 155,156                  | 2,778              | 221,630  |
| Illinois.....                  | 14,028,452                               | 9,302,834             | 586,634              | 4,130,328             | 3,194,961             | 935,367                  | 8,656              | 133,442  |
| Michigan.....                  | 4,981,497                                | 3,421,199             | 42,220               | 1,504,401             | 1,365,552             | 138,849                  | 13,677             | 145,887  |
| Wisconsin.....                 | 16,986,758                               | 15,865,749            | 149,855              | 965,327               | 873,544               | 91,783                   | 5,827              | 7,205  |
| WEST NORTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Minnesota.....                 | 2,086,654                                | 101,590               | 112,115              | 1,852,746             | 1,545,462             | 307,284                  | 20,203             | 17,391   |
| Iowa.....                      | 2,598,001                                |                       | 91,870               | 2,469,859             | 2,364,604             | 105,255                  | 36,272             | 16,306   |
| Missouri.....                  | 1,839,306                                |                       | 22,170               | 1,812,153             | 1,663,710             | 148,443                  | 4,983              | 18,262   |
| North Dakota.....              | 219,499                                  |                       |                      | 219,430               | 173,719               | 40,711                   | 69                 | 4,676  |
| South Dakota.....              | 248,154                                  |                       |                      | 248,154               | 229,194               | 18,960                   |                    | 160  |
| Nebraska.....                  | 1,165,885                                |                       | 20,680               | 1,144,583             | 994,867               | 149,716                  | 622                | 4,860  |
| Kansas.....                    | 1,299,966                                | 255,000               | 4,500                | 1,039,357             | 961,109               | 78,248                   | 1,109              | 19,754   |
| SOUTH ATLANTIC:                |  |                       |                      |                       |                       |                          |                    |  |
| Delaware.....                  | 7,156,635                                | 6,191,877             | 851,979              | 110,475               | 30,275                | 80,200                   | 2,304              | 683,837  |
| Maryland.....                  | 12,381,910                               | 10,614,762            | 1,077,726            | 675,265               | 621,557               | 53,708                   | 14,157             | 898,102  |
| District of Columbia.....      | 160,691                                  |                       | 57,276               | 103,245               | 86,271                | 16,974                   | 170                |  |
| Virginia.....                  | 629,848                                  | 61,500                | 9,000                | 559,023               | 451,423               | 107,600                  | 325                | 10,465   |
| West Virginia.....             | 1,350,789                                | 540                   |                      | 1,350,031             | 1,325,277             | 24,754                   | 218                | 13,821   |
| North Carolina.....            | 219,085                                  | 1,440                 |                      | 216,645               | 176,400               | 40,245                   | 1,000              | 1,950  |
| South Carolina.....            | 237,382                                  |                       | 67,336               | 170,046               | 134,669               | 35,377                   |                    | 710  |
| Georgia.....                   | 496,188                                  |                       | 1,258                | 494,498               | 427,452               | 67,046                   | 432                | 753  |
| Florida.....                   | 293,158                                  |                       |                      | 292,079               | 281,594               | 10,485                   | 1,079              | 2,904  |
| EAST SOUTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Kentucky.....                  | 859,903                                  |                       | 6,120                | 850,687               | 838,489               | 12,198                   | 3,096              | 3,900  |
| Tennessee.....                 | 1,596,323                                | 560,529               | 5,250                | 1,030,244             | 975,149               | 55,095                   | 300                | 898  |
| Alabama.....                   | 301,540                                  |                       | 5,124                | 296,686               | 295,054               | 1,632                    | 30                 | 100  |
| Mississippi.....               | 196,121                                  |                       |                      | 196,121               | 173,276               | 22,845                   |                    |  |
| WEST SOUTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Arkansas.....                  | 313,338                                  | 18,250                |                      | 295,078               | 293,606               | 1,472                    | 10                 | 276  |
| Louisiana.....                 | 703,353                                  |                       |                      | 702,303               | 659,862               | 42,441                   | 1,050              | 3,050  |
| Oklahoma.....                  | 1,026,437                                |                       | 3,346                | 1,023,046             | 1,021,659             | 1,387                    | 45                 | 9,055  |
| Texas.....                     | 2,686,137                                | 1,000                 | 60,970               | 2,623,842             | 2,241,214             | 382,628                  | 325                | 8,144  |
| MOUNTAIN:                      |  |                       |                      |                       |                       |                          |                    |  |
| Montana.....                   | 627,255                                  | 8,790                 | 7,900                | 603,944               | 377,437               | 226,507                  | 6,621              | 1,615  |
| Idaho.....                     | 309,360                                  | 11,550                | 11,377               | 286,388               | 285,669               | 719                      | 45                 | 1,375  |
| Wyoming.....                   | 158,534                                  |                       |                      | 158,424               | 158,424               |                          | 110                | 990  |
| Colorado.....                  | 1,811,986                                | 1,211,088             | 11,655               | 587,606               | 482,566               | 105,040                  | 1,037              | 3,679  |
| New Mexico.....                | 234,459                                  |                       | 1,146                | 233,287               | 233,057               | 230                      | 26                 | 500  |
| Arizona.....                   | 363,096                                  |                       | 142                  | 362,929               | 341,637               | 21,292                   | 25                 | 600  |
| Utah.....                      | 2,479,906                                | 2,039,483             |                      | 440,273               | 440,273               |                          | 150                | 48,837   |
| Nevada.....                    | 18,114                                   |                       |                      | 18,114                | 18,054                | 60                       |                    |  |
| PACIFIC:                       |  |                       |                      |                       |                       |                          |                    |  |
| Washington.....                | 398,475                                  | 799                   | 21,701               | 374,428               | 280,193               | 94,235                   | 1,547              | 2,956  |
| Oregon.....                    | 408,655                                  |                       | 12,500               | 395,643               | 365,585               | 30,058                   | 512                | 1,440  |
| California.....                | 6,283,347                                | 3,675,021             | 233,686              | 2,355,613             | 2,092,473             | 263,140                  | 19,027             | 11,305   |



DIAGRAM 21.—STOCKS OF CANNED PEAS REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY IMPORTANT CLASSES OF BUSINESS.

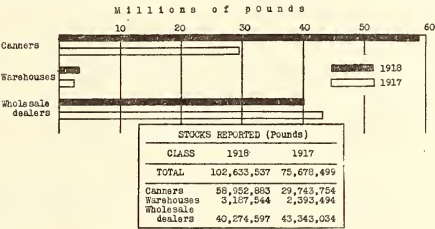


Table 29.—Comparative figures for canned peas—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | Stocks reported for July 1, 1918. |  | Stocks reported for July 1, 1917. |  |
|--------------------------------|-----------------------------------|--|-----------------------------------|--|
|                                | Pounds.                           |  | Pounds.                           |  |
| United States.....             | 102,633,537                       |  | 75,679,499                        |  |
| GEOGRAPHIC DIVISIONS:          |                                   |  |                                   |  |
| New England.....               | 2,106,167                         |  | 2,950,229                         |  |
| Middle Atlantic.....           | 14,599,872                        |  | 11,959,733                        |  |
| East North Central.....        | 42,987,065                        |  | 16,553,076                        |  |
| West North Central.....        | 8,139,768                         |  | 9,416,881                         |  |
| South Atlantic.....            | 20,612,488                        |  | 23,875,460                        |  |
| East South Central.....        | 2,267,121                         |  | 1,896,197                         |  |
| West South Central.....        | 3,951,985                         |  | 3,291,212                         |  |
| Mountain.....                  | 4,697,329                         |  | 2,576,606                         |  |
| Pacific.....                   | 3,271,742                         |  | 3,159,099                         |  |
| NEW ENGLAND:                   |                                   |  |                                   |  |
| Maine.....                     | 379,508                           |  | 511,920                           |  |
| New Hampshire.....             | 69,966                            |  | 100,516                           |  |
| Vermont.....                   | 26,104                            |  | 36,203                            |  |
| Massachusetts.....             | 1,130,650                         |  | 1,793,550                         |  |
| Rhode Island.....              | 302,911                           |  | 216,276                           |  |
| Connecticut.....               | 197,028                           |  | 291,364                           |  |
| MIDDLE ATLANTIC:               |                                   |  |                                   |  |
| New York.....                  | 8,004,176                         |  | 5,465,266                         |  |
| New Jersey.....                | 2,126,072                         |  | 1,712,063                         |  |
| Pennsylvania.....              | 4,469,624                         |  | 4,782,404                         |  |
| EAST NORTH CENTRAL:            |                                   |  |                                   |  |
| Ohio.....                      | 4,838,042                         |  | 4,522,840                         |  |
| Indiana.....                   | 9,617,973                         |  | 3,487,551                         |  |
| Illinois.....                  | 11,545,271                        |  | 5,604,609                         |  |
| Michigan.....                  | 4,082,845                         |  | 1,536,090                         |  |
| Wisconsin.....                 | 12,902,934                        |  | 1,401,956                         |  |
| WEST NORTH CENTRAL:            |                                   |  |                                   |  |
| Minnesota.....                 | 1,780,022                         |  | 1,175,404                         |  |
| Iowa.....                      | 2,373,902                         |  | 2,350,039                         |  |
| Missouri.....                  | 1,552,510                         |  | 2,301,869                         |  |
| North Dakota.....              | 218,832                           |  | 274,118                           |  |
| South Dakota.....              | 193,924                           |  | 110,790                           |  |
| Nebraska.....                  | 924,758                           |  | 1,290,415                         |  |
| Kansas.....                    | 1,093,820                         |  | 1,914,226                         |  |
| SOUTH ATLANTIC:                |                                   |  |                                   |  |
| Delaware.....                  | 7,151,645                         |  | 8,859,184                         |  |
| Maryland.....                  | 11,286,061                        |  | 12,680,295                        |  |
| District of Columbia.....      | 50,609                            |  | 97,663                            |  |
| Virginia.....                  | 384,489                           |  | 496,758                           |  |
| West Virginia.....             | 754,972                           |  | 702,727                           |  |
| North Carolina.....            | 175,810                           |  | 93,774                            |  |
| South Carolina.....            | 189,439                           |  | 108,276                           |  |
| Georgia.....                   | 387,920                           |  | 419,892                           |  |
| Florida.....                   | 231,523                           |  | 416,897                           |  |
| EAST SOUTH CENTRAL:            |                                   |  |                                   |  |
| Kentucky.....                  | 703,339                           |  | 819,689                           |  |
| Tennessee.....                 | 1,156,270                         |  | 733,011                           |  |
| Alabama.....                   | 283,403                           |  | 249,870                           |  |
| Mississippi.....               | 124,109                           |  | 93,627                            |  |
| WEST SOUTH CENTRAL:            |                                   |  |                                   |  |
| Arkansas.....                  | 277,586                           |  | 343,571                           |  |
| Louisiana.....                 | 644,838                           |  | 450,688                           |  |
| Oklahoma.....                  | 657,404                           |  | 483,473                           |  |
| Texas.....                     | 2,372,157                         |  | 2,013,480                         |  |
| MOUNTAIN:                      |                                   |  |                                   |  |
| Montana.....                   | 461,190                           |  | 202,566                           |  |
| Idaho.....                     | 297,810                           |  | 140,579                           |  |
| Wyoming.....                   | 121,634                           |  | 117,740                           |  |
| Colorado.....                  | 927,917                           |  | 373,871                           |  |
| New Mexico.....                | 138,057                           |  | 138,527                           |  |
| Arizona.....                   | 224,691                           |  | 157,524                           |  |
| Utah.....                      | 2,459,956                         |  | 1,408,216                         |  |
| Nevada.....                    | 18,054                            |  | 32,583                            |  |
| PACIFIC:                       |                                   |  |                                   |  |
| Washington.....                | 374,817                           |  | 536,553                           |  |
| Oregon.....                    | 346,533                           |  | 421,184                           |  |
| California.....                | 2,550,392                         |  | 2,201,362                         |  |

COMMERCIAL STOCKS OF BAKED BEANS

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of baked beans, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by all classes of business concerns except retail dealers, amounted to 108,130,411 pounds, comprising 98,303,832 pounds reported as on hand and 9,826,579 pounds in transit. Of the stocks on hand, the canners held 31.0 per cent; the warehouses, 5.6 per cent; the wholesale dealers, 62.8 per cent; and a miscellaneous group of firms, 0.6 per cent. The stocks reported as on hand are shown, by classes of business, in the first column of Table 30, and the quantities reported as in transit in the last column. The relative holdings reported by each of the classes of concerns above enumerated are represented graphically in Diagram 22.

The number of schedules received and tabulated for baked beans is shown, by classes of dealers, in Table 32.

Table 30.—Stocks of canned baked beans reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

| CLASS OF BUSINESS.              | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                              | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|---------------------------------|--|--|----------------------|------------------------------|--|
|                                 |  | 1918 stocks.   |                      | 1917<br>stocks.              |  |
|                                 |  | Quantity.  | Per cent<br>of 1917. |                              |  |
| Total.....                      | <i>Pounds.</i><br>98,303,832                                     | <i>Pounds.</i><br>83,965,567   | 146.9                | <i>Pounds.</i><br>57,145,821 | <i>Pounds.</i><br>9,826,579  |
| Canners.....                    | 30,461,446   | 27,490,744   | 247.4                | 11,110,126                   | 9,212,127  |
| Warehouses.....                 | 5,535,087  | 3,512,604  | 186.1                | 1,887,207                    | 33   |
| Wholesale dealers.....          | 61,716,196   | 52,528,484   | 120.0                | 43,765,613                   | 585,508  |
| Wholesale grocers.....          | 53,061,643   | 44,651,280   | 118.3                | 37,736,474                   | 483,516  |
| Other wholesale<br>dealers..... | 8,654,553  | 7,877,204  | 130.7                | 6,029,139                    | 101,992  |
| Miscellaneous.....              | 591,103  | 433,735  | 113.3                | 382,875                      | 28,911   |

DIAGRAM 22.—DISTRIBUTION OF TOTAL STOCKS OF CANNED BAKED BEANS REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

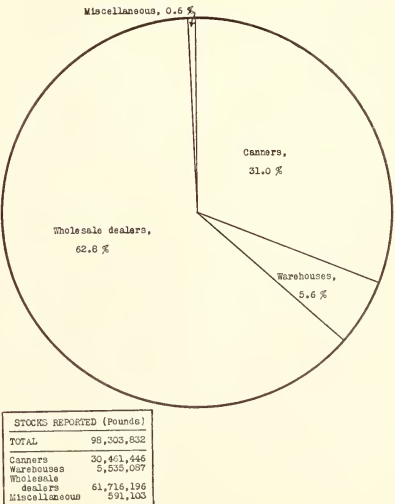


Table 31.—Stocks of canned baked beans reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |                       |                      |                       |                       |                          |                    | Quantity reported as in transit on July 1, 1918. |
|--------------------------------|--|-----------------------|----------------------|-----------------------|-----------------------|--------------------------|--------------------|--|
|                                | TOTAL.                                   | Canners.              | Warehouses.          | Wholesale dealers.    |                       |                          | Miscellaneous.     |  |
|                                |  |                       |                      | Total.                | Wholesale grocers.    | Other wholesale dealers. |                    |  |
| United States.....             | Pounds.<br>98,303,832                    | Pounds.<br>30,461,446 | Pounds.<br>5,535,087 | Pounds.<br>61,716,196 | Pounds.<br>53,061,643 | Pounds.<br>8,654,553     | Pounds.<br>591,103 | Pounds.<br>9,826,579                             |
| GEOGRAPHIC DIVISIONS:          |  |                       |                      |                       |                       |                          |                    |  |
| New England.....               | 7,576,035                                | 223,283               | 570,063              | 6,752,190             | 5,613,799             | 1,138,391                | 30,499             | 380,753  |
| Middle Atlantic.....           | 19,613,710                               | 5,865,130             | 1,139,045            | 12,282,217            | 11,286,291            | 995,926                  | 327,318            | 2,916,507  |
| East North Central.....        | 28,658,720                               | 13,687,234            | 1,001,659            | 13,833,113            | 11,208,760            | 2,623,353                | 137,714            | 5,157,922  |
| West North Central.....        | 11,563,615                               | 2,407,290             | 565,838              | 8,549,649             | 7,203,653             | 1,345,996                | 40,838             | 129,466  |
| South Atlantic.....            | 14,521,860                               | 7,184,607             | 916,220              | 6,399,507             | 5,641,331             | 755,176                  | 21,526             | 1,139,193  |
| East South Central.....        | 3,718,688                                | 29,980                | 629,440              | 3,057,244             | 2,763,994             | 293,250                  | 2,024              | 9,424  |
| West South Central.....        | 5,967,970                                | 149,307               | 176,376              | 5,639,172             | 5,113,092             | 526,080                  | 3,115              | 50,198   |
| Mountain.....                  | 2,940,477                                | 212,603               | 182,251              | 2,539,464             | 2,257,117             | 282,347                  | 6,159              | 9,273  |
| Pacific.....                   | 3,742,737                                | 702,012               | 354,195              | 2,664,640             | 1,970,606             | 694,034                  | 21,910             | 33,843   |
| NEW ENGLAND:                   |  |                       |                      |                       |                       |                          |                    |  |
| Maine.....                     | 1,360,342                                | 198,321               | 21,402               | 1,138,159             | 941,849               | 196,310                  | 2,460              | 375,833  |
| New Hampshire.....             | 282,051                                  | 5,306                 | —                    | 273,619               | 200,291               | 73,328                   | 3,126              | 1,024  |
| Vermont.....                   | 140,026                                  | 10,096                | —                    | 129,127               | 107,548               | 21,579                   | 803                | 282  |
| Massachusetts.....             | 3,992,042                                | 9,560                 | 407,846              | 3,552,808             | 2,888,635             | 664,173                  | 21,828             | 3,230  |
| Rhode Island.....              | 751,754                                  | —                     | 140,815              | 610,601               | 529,849               | 80,752                   | 338                | 100  |
| Connecticut.....               | 1,049,820                                | —                     | —                    | 1,047,876             | 945,627               | 102,249                  | 1,944              | 284  |
| MIDDLE ATLANTIC:               |  |                       |                      |                       |                       |                          |                    |  |
| New York.....                  | 6,457,977                                | 235,620               | 664,945              | 5,448,635             | 4,899,211             | 549,424                  | 108,777            | 68,150   |
| New Jersey.....                | 1,702,159                                | 530,699               | —                    | 1,075,736             | 989,693               | 86,043                   | 95,724             | 2,198,258  |
| Pennsylvania.....              | 11,453,574                               | 5,098,811             | 474,100              | 5,757,846             | 5,397,387             | 360,459                  | 122,817            | 650,099  |
| EAST NORTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Ohio.....                      | 4,464,258                                | 410,155               | 84,579               | 3,966,019             | 3,850,086             | 115,933                  | 3,505              | 173,214  |
| Indiana.....                   | 8,337,450                                | 6,642,260             | 37                   | 1,594,293             | 1,564,554             | 29,739                   | 100,860            | 2,174,844  |
| Illinois.....                  | 9,739,544                                | 3,425,282             | 850,975              | 5,446,759             | 3,144,742             | 2,302,017                | 16,528             | 647,862  |
| Michigan.....                  | 4,565,767                                | 2,910,870             | 1,145                | 1,643,274             | 1,574,165             | 69,109                   | 10,478             | 2,156,845  |
| Wisconsin.....                 | 1,551,701                                | 298,667               | 64,923               | 1,181,768             | 1,075,213             | 106,555                  | 6,343              | 5,157  |
| WEST NORTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Minnesota.....                 | 1,384,575                                | —                     | 173,350              | 1,193,547             | 985,995               | 207,552                  | 17,678             | 13,088   |
| Iowa.....                      | 3,216,072                                | 1,386,845             | 10,469               | 1,802,058             | 1,674,112             | 127,946                  | 16,700             | 74,317   |
| Missouri.....                  | 2,725,910                                | 191,285               | 93,413               | 2,438,125             | 2,000,721             | 437,404                  | 3,087              | 13,990   |
| North Dakota.....              | 258,922                                  | —                     | —                    | 258,894               | 209,984               | 48,910                   | 28                 | 4,082  |
| South Dakota.....              | 274,432                                  | —                     | —                    | 274,432               | 239,647               | 34,785                   | —                  | 180  |
| Nebraska.....                  | 1,859,335                                | 829,160               | 96,006               | 931,833               | 648,304               | 283,529                  | 1,736              | 3,040  |
| Kansas.....                    | 1,844,369                                | —                     | 192,000              | 1,650,760             | 1,444,890             | 205,870                  | 1,609              | 20,769   |
| SOUTH ATLANTIC:                |  |                       |                      |                       |                       |                          |                    |  |
| Delaware.....                  | 102,230                                  | —                     | —                    | 102,080               | 92,687                | 9,393                    | 150                | 1,746  |
| Maryland.....                  | 8,737,948                                | 7,182,867             | 852,646              | 700,451               | 606,974               | 93,477                   | 1,984              | 1,108,494  |
| District of Columbia.....      | 506,445                                  | —                     | 18,622               | 487,703               | 438,255               | 49,448                   | 120                | 354  |
| Virginia.....                  | 1,850,910                                | —                     | 6,500                | 1,835,432             | 1,654,285             | 181,147                  | 8,978              | 8,234  |
| West Virginia.....             | 977,016                                  | 1,740                 | —                    | 975,068               | 879,033               | 96,035                   | 208                | 15,761   |
| North Carolina.....            | 601,941                                  | —                     | —                    | 600,824               | 544,369               | 56,455                   | 1,117              | 2,114  |
| South Carolina.....            | 360,205                                  | —                     | —                    | 360,205               | 278,276               | 81,929                   | —                  | —  |
| Georgia.....                   | 699,554                                  | —                     | 38,452               | 652,423               | 557,369               | 95,054                   | 8,679              | 918  |
| Florida.....                   | 685,611                                  | —                     | —                    | 685,321               | 593,083               | 92,238                   | 290                | 1,572  |
| EAST SOUTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Kentucky.....                  | 830,932                                  | 4,292                 | —                    | 826,041               | 732,819               | 93,222                   | 599                | 6,297  |
| Tennessee.....                 | 1,699,841                                | 310                   | 594,000              | 1,105,309             | 1,055,723             | 49,586                   | 222                | 2,157  |
| Alabama.....                   | 947,934                                  | 25,378                | 35,440               | 885,913               | 765,516               | 120,397                  | 1,203              | 970  |
| Mississippi.....               | 239,981                                  | —                     | —                    | 239,981               | 209,936               | 30,045                   | —                  | —  |
| WEST SOUTH CENTRAL:            |  |                       |                      |                       |                       |                          |                    |  |
| Arkansas.....                  | 691,067                                  | 28,250                | —                    | 662,725               | 651,040               | 11,685                   | 92                 | 1,321  |
| Louisiana.....                 | 653,102                                  | —                     | 44,097               | 608,245               | 550,165               | 58,080                   | 760                | 5,840  |
| Oklahoma.....                  | 1,529,908                                | —                     | 9,383                | 1,520,041             | 1,338,956             | 181,085                  | 484                | 6,894  |
| Texas.....                     | 3,093,893                                | 121,057               | 122,896              | 2,848,161             | 2,572,931             | 275,230                  | 1,779              | 36,143   |
| MOUNTAIN:                      |  |                       |                      |                       |                       |                          |                    |  |
| Montana.....                   | 492,595                                  | —                     | —                    | 487,571               | 395,833               | 91,738                   | 5,024              | 2,168  |
| Idaho.....                     | 291,778                                  | —                     | 1,350                | 290,397               | 285,716               | 4,681                    | 31                 | 1,142  |
| Wyoming.....                   | 174,661                                  | —                     | —                    | 174,371               | 174,371               | —                        | 290                | 500  |
| Colorado.....                  | 761,888                                  | 37,594                | 179,665              | 543,846               | 461,028               | 82,818                   | 783                | 3,450  |
| New Mexico.....                | 343,731                                  | —                     | 1,236                | 342,481               | 341,872               | 612                      | 11                 | 665  |
| Arizona.....                   | 220,039                                  | —                     | —                    | 220,019               | 217,455               | 2,564                    | 20                 | 500  |
| Utah.....                      | 647,175                                  | 175,009               | —                    | 472,166               | 372,632               | 99,534                   | —                  | 800  |
| Nevada.....                    | 8,610                                    | —                     | —                    | 8,610                 | 8,210                 | 400                      | —                  | 48   |
| PACIFIC:                       |  |                       |                      |                       |                       |                          |                    |  |
| Washington.....                | 664,208                                  | 67,683                | 73,412               | 522,201               | 419,383               | 102,818                  | 882                | 4,228  |
| Oregon.....                    | 532,041                                  | 22,760                | 44,613               | 462,379               | 438,183               | 24,196                   | 2,289              | 1,170  |
| California.....                | 2,546,508                                | 611,569               | 236,140              | 1,680,060             | 1,113,040             | 567,020                  | 18,739             | 28,445   |



Table 32.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting canned baked beans.

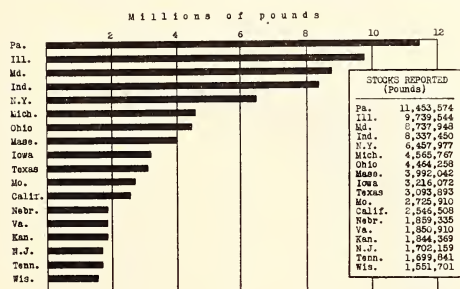
| CLASS OF BUSINESS.           | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|------------------------------|----------------------------------|---|
| <b>Total</b> .....           | <b>5,383</b>                     | <b>4,192</b>                            |
| Canners.....                 | 99                               | 81                                      |
| Warehouses.....              | 122                              | 72                                      |
| Wholesale dealers.....       | 4,624                            | 3,702                                   |
| Wholesale grocers.....       | 3,682                            | 2,914                                   |
| Other wholesale dealers..... | 942                              | 788                                     |
| Miscellaneous.....           | 538                              | 337                                     |

## Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of baked beans covered by this report is shown in Table 31. The East North Central division, as the table indicates, ranked first in commercial stocks of baked beans, the Middle Atlantic division second, and the South Atlantic division third. Among the individual states, Pennsylvania ranked first, Illinois second, Maryland third, Indiana fourth, and New York fifth. The stocks reported for the eighteen most important states are represented graphically in Diagram 23.

The geographic distribution of the quantities reported as in transit is shown in the last column of Table 31.

Diagram 23.—Stocks of Canned Baked Beans Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



## Comparative Figures for 1918 and 1917.

More than 85 per cent of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year schedules are given by classes of business in Table 30, and by geographic divisions and states in Table 33. From these figures it may be seen that each class of business concerns held materially larger stocks on the date of the Survey than one year earlier. The total stocks reported for July 1, 1918, were 46.9 per cent larger than those held by the same firms on July 1, 1917. The relative stocks on the two dates are represented graphically, for the canners, the warehouses, and the wholesale dealers, in Diagram 24.

Diagram 24.—Stocks of Canned Baked Beans Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

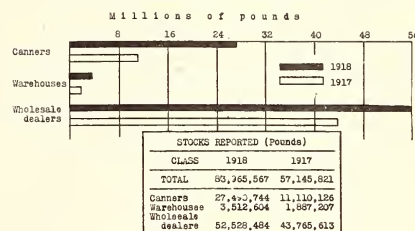


Table 33.—Comparative figures for canned baked beans—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| Geographic Division and State. | Stocks reported for July 1, 1918.<br>Pounds.<br>83,965,567 | Stocks reported for July 1, 1917.<br>Pounds.<br>57,145,821 |
|--------------------------------|--|--|
| <b>United States</b>           |  |  |
| <b>Geographic Divisions:</b>   |  |  |
| New England.....               | 5,887,661  | 4,110,741  |
| Middle Atlantic.....           | 17,118,866   | 16,054,411   |
| East North Central.....        | 25,149,059   | 13,137,907   |
| West North Central.....        | 9,344,383  | 7,800,967  |
| South Atlantic.....            | 12,895,967   | 5,971,846  |
| East South Central.....        | 3,355,796  | 1,793,101  |
| West South Central.....        | 4,677,517  | 2,909,040  |
| Mountain.....                  | 2,302,473  | 2,009,008  |
| Pacific.....                   | 3,033,645  | 3,358,800  |
| <b>New England:</b>            |  |  |
| Maine.....                     | 1,300,445  | 1,391,529  |
| New Hampshire.....             | 214,500  | 191,147  |
| Vermont.....                   | 78,329   | 38,905   |
| Massachusetts.....             | 3,089,908  | 1,783,226  |
| Rhode Island.....              | 518,334  | 259,801  |
| Connecticut.....               | 686,145  | 426,133  |
| <b>Middle Atlantic:</b>        |  |  |
| New York.....                  | 5,303,681  | 4,374,125  |
| New Jersey.....                | 1,370,542  | 638,748  |
| Pennsylvania.....              | 10,444,643   | 11,041,538   |
| <b>East North Central:</b>     |  |  |
| Ohio.....                      | 4,036,520  | 3,729,318  |
| Indiana.....                   | 7,131,514  | 1,943,318  |
| Illinois.....                  | 8,726,974  | 4,900,475  |
| Michigan.....                  | 4,047,334  | 1,694,127  |
| Wisconsin.....                 | 1,206,717  | 870,666  |
| <b>West North Central:</b>     |  |  |
| Minnesota.....                 | 1,267,997  | 1,161,582  |
| Iowa.....                      | 3,017,790  | 2,088,156  |
| Missouri.....                  | 2,359,190  | 2,737,467  |
| North Dakota.....              | 234,550  | 273,028  |
| South Dakota.....              | 201,246  | 162,556  |
| Nebraska.....                  | 715,450  | 402,027  |
| Kansas.....                    | 1,528,360  | 955,851  |
| <b>South Atlantic:</b>         |  |  |
| Delaware.....                  | 83,109   | 56,063   |
| Maryland.....                  | 8,393,667  | 3,103,088  |
| District of Columbia.....      | 405,142  | 132,060  |
| Virginia.....                  | 1,282,718  | 594,148  |
| West Virginia.....             | 789,187  | 546,358  |
| North Carolina.....            | 516,268  | 419,156  |
| South Carolina.....            | 283,360  | 225,501  |
| Georgia.....                   | 537,079  | 352,115  |
| Florida.....                   | 605,437  | 543,288  |
| <b>East South Central:</b>     |  |  |
| Kentucky.....                  | 747,032  | 637,426  |
| Tennessee.....                 | 1,560,106  | 635,400  |
| Alabama.....                   | 876,057  | 405,926  |
| Mississippi.....               | 172,601  | 114,339  |
| <b>West South Central:</b>     |  |  |
| Arkansas.....                  | 565,654  | 386,956  |
| Louisiana.....                 | 458,375  | 371,606  |
| Oklahoma.....                  | 1,050,588  | 631,740  |
| Texas.....                     | 2,602,900  | 1,518,738  |
| <b>Mountain:</b>               |  |  |
| Montana.....                   | 381,617  | 327,252  |
| Idaho.....                     | 289,841  | 182,699  |
| Wyoming.....                   | 127,973  | 86,279   |
| Colorado.....                  | 655,335  | 515,322  |
| New Mexico.....                | 239,341  | 140,984  |
| Arizona.....                   | 159,881  | 129,574  |
| Utah.....                      | 639,675  | 619,620  |
| Nevada.....                    | 8,610  | 9,087  |
| <b>Pacific:</b>                |  |  |
| Washington.....                | 621,205  | 400,609  |
| Oregon.....                    | 473,157  | 474,138  |
| California.....                | 1,939,283  | 2,483,993  |



## COMMERCIAL STOCKS OF MISCELLANEOUS CANNED VEGETABLES

### NOT INCLUDING RETAIL STOCKS.

The commercial stocks of miscellaneous canned vegetables (lima beans, string beans, pumpkin, asparagus, etc.), together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by business concerns other than retail dealers, amounted to 205,632,497 pounds. Of this amount, 198,220,048 pounds were reported as on hand and 7,412,449 pounds as in transit. Of the stocks on hand, the canners held 33.5 per cent; the warehouses, 8.4 per cent; the wholesale dealers, 57.1 per cent; and a miscellaneous group of firms, 1.0 per cent. The stocks reported as on hand are shown, by classes of business concerns, in the first column of Table 34, while the quantity reported as in transit is similarly shown in the last column of the same table. The relative holdings of the different classes of concerns above enumerated are shown graphically in Diagram 25.

The number of schedules received and tabulated for stocks of miscellaneous canned vegetables is shown by classes of dealers in Table 35.

Table 34.—Stocks of miscellaneous canned vegetables reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

| CLASS OF BUSINESS.              | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                              | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|---------------------------------|--|--|----------------------|------------------------------|--|
|                                 |  | 1918 stocks.   |                      | 1917<br>stocks.              |  |
|                                 |  | Quantity.  | Per cent<br>of 1917. |                              |  |
| Total.....                      | <i>Pounds.</i><br>198,220,048                                    | <i>Pounds.</i><br>146,312,980  | 156.5                | <i>Pounds.</i><br>93,501,442 | <i>Pounds.</i><br>7,412,449  |
| Canners.....                    | 66,394,315   | 36,025,152   | 273.7                | 13,160,590                   | 5,566,600  |
| Warehouses.....                 | 16,631,553   | 11,692,752   | 358.7                | 3,260,196                    | 1,129  |
| Wholesale dealers.....          | 113,195,774  | 97,485,691   | 127.6                | 76,401,503                   | 1,844,397  |
| Wholesale grocers.....          | 96,458,711   | 83,368,974   | 118.4                | 70,393,536                   | 801,124  |
| Other wholesale<br>dealers..... | 16,737,063   | 14,116,717   | 235.0                | 6,007,967                    | 1,043,273  |
| Miscellaneous.....              | 1,998,406  | 1,109,385  | 163.3                | 679,153                      | 323  |

Diagram 25.—Distribution of Total Stocks of Miscellaneous Canned Vegetables Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

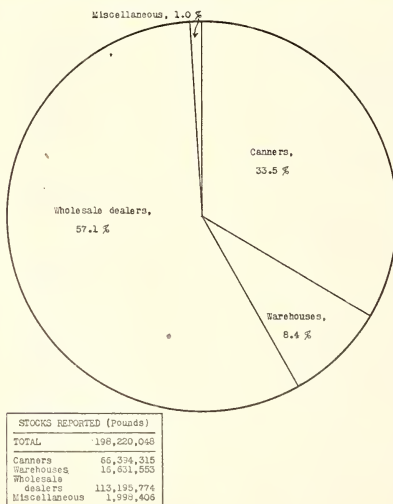


Table 35.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting miscellaneous canned vegetables.

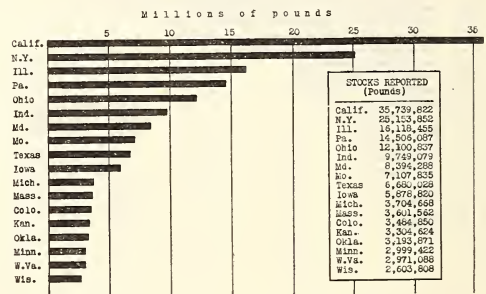
| CLASS OF BUSINESS.           | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|------------------------------|----------------------------------|---|
| <b>Total</b> .....           | <b>5,227</b>                     | <b>4,001</b>                            |
| Canners.....                 | 238                              | 152                                     |
| Warehouses.....              | 142                              | 82                                      |
| Wholesale dealers.....       | 4,216                            | 3,348                                   |
| Wholesale grocers.....       | 3,365                            | 2,684                                   |
| Other wholesale dealers..... | 851                              | 664                                     |
| Miscellaneous.....           | 631                              | 419                                     |

### Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of miscellaneous canned vegetables, as reported by the various classes of business concerns here considered, is shown in Table 36. The East North Central division, it may be noticed, ranked first in stocks reported, the Middle Atlantic division second, and the Pacific division third. Among the individual states, California ranked first, reporting 35,739,822 pounds of miscellaneous canned vegetables, or considerably more than one-sixth of the total for the entire country. The state of New York came second, with 25,153,852 pounds, or more than one-eighth of the total, and Illinois and Pennsylvania were third and fourth, respectively. The stocks reported for the eighteen most important states are represented graphically in Diagram 26.

The quantities reported as in transit are shown by geographic divisions and states in the last column of Table 36.

Diagram 26.—Stocks of Miscellaneous Canned Vegetables Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



### Comparative Figures for 1918 and 1917.

Nearly three-fourths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year schedules are given by classes of business in Table 34, and by geographic divisions and states in Table 37. These figures indicate that the stocks of miscellaneous canned vegetables on the date of the Survey were considerably larger than those of a year earlier, each class of business concerns reporting materially increased holdings. The total stocks on July 1, 1918, were 56.5 per cent larger than those held by the same firms on July 1, 1917. The relative stocks on the two dates are represented graphically, for each class of business concerns here considered except the miscellaneous group, in Diagram 27.

Table 36.—Stocks of miscellaneous canned vegetables reported for July 1, 1918, by manufacturers, storage houses and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |                       |                       |                        |                       |                          |                      | Quantity reported, as in transit on July 1, 1918. |
|--------------------------------|--|-----------------------|-----------------------|------------------------|-----------------------|--------------------------|----------------------|---|
|                                | TOTAL.                                   | Cannerns.             | Warehouses.           | Wholesale dealers.     |                       |                          | Miscellaneous.       |   |
|                                |  |                       |                       | Total.                 | Wholesale grocers.    | Other wholesale dealers. |                      |   |
| United States                  | Pounds.<br>198,220,048                   | Pounds.<br>66,394,315 | Pounds.<br>16,631,553 | Pounds.<br>113,195,774 | Pounds.<br>96,458,711 | Pounds.<br>16,737,063    | Pounds.<br>1,998,406 | Pounds.<br>7,412,449                              |
| GEOGRAPHIC DIVISIONS:          |  |                       |                       |                        |                       |                          |                      |   |
| New England                    | 7,124,010                                | 360,940               | 1,232,940             | 5,210,347              | 4,037,189             | 1,173,158                | 319,783              | 19,583  |
| Middle Atlantic                | 41,091,379                               | 14,344,463            | 8,951,678             | 17,429,330             | 15,902,135            | 1,527,195                | 365,908              | 277,723   |
| East North Central             | 44,276,847                               | 12,779,065            | 2,063,720             | 28,495,438             | 22,807,143            | 5,688,295                | 938,624              | 661,191   |
| West North Central             | 22,423,761                               | 1,823,083             | 595,055               | 19,818,270             | 17,831,834            | 1,986,436                | 187,353              | 276,766   |
| South Atlantic                 | 16,008,462                               | 6,498,561             | 1,852,136             | 7,637,024              | 6,563,509             | 1,073,515                | 20,741               | 806,229   |
| East South Central             | 5,075,965                                | 495,179               | 83,465                | 4,492,823              | 3,990,804             | 502,019                  | 4,498                | 167,289   |
| West South Central             | 13,614,834                               | 552,316               | 305,801               | 12,746,652             | 11,765,922            | 980,730                  | 10,065               | 156,342   |
| Mountain                       | 8,713,104                                | 1,468,011             | 173,515               | 7,039,305              | 6,324,053             | 715,252                  | 32,273               | 58,177  |
| Pacific                        | 39,891,686                               | 28,072,697            | 1,373,243             | 10,326,585             | 7,236,122             | 3,090,463                | 119,161              | 4,989,149   |
| NEW ENGLAND:                   |  |                       |                       |                        |                       |                          |                      |   |
| Maine                          | 1,902,771                                | 165,553               | 671,784               | 1,057,035              | 1,000,846             | 56,189                   | 8,399                | 13,562  |
| New Hampshire                  | 290,268                                  |                       |                       | 289,093                | 247,987               | 41,106                   | 1,175                | 918   |
| Vermont                        | 271,049                                  | 195,387               |                       | 75,109                 | 68,868                | 6,241                    | 553                  | 472   |
| Massachusetts                  | 3,601,562                                |                       | 412,726               | 2,925,528              | 2,023,687             | 901,841                  | 263,308              | 3,727   |
| Rhode Island                   | 481,319                                  |                       | 148,430               | 322,130                | 216,028               | 106,102                  | 10,759               | 400   |
| Connecticut                    | 577,041                                  |                       |                       | 541,452                | 479,773               | 61,679                   | 35,589               | 504   |
| MIDDLE ATLANTIC:               |  |                       |                       |                        |                       |                          |                      |   |
| New York                       | 25,153,852                               | 13,490,604            | 1,635,416             | 9,776,801              | 8,822,485             | 954,316                  | 251,031              | 148,682   |
| New Jersey                     | 1,431,440                                | 628,316               |                       | 743,587                | 668,559               | 75,028                   | 59,537               | 72  |
| Pennsylvania                   | 14,506,087                               | 225,543               | 7,316,262             | 6,908,942              | 6,411,091             | 497,851                  | 55,340               | 128,969   |
| EAST NORTH CENTRAL:            |  |                       |                       |                        |                       |                          |                      |   |
| Ohio                           | 12,100,837                               | 3,480,367             | 62,319                | 7,914,397              | 7,336,893             | 577,504                  | 643,754              | 55,614  |
| Indiana                        | 9,749,079                                | 6,631,108             | 17,670                | 3,089,344              | 2,924,065             | 165,279                  | 10,957               | 423,325   |
| Illinois                       | 16,118,455                               | 1,032,225             | 1,952,777             | 13,032,933             | 8,350,518             | 4,682,415                | 100,520              | 135,287   |
| Michigan                       | 3,704,668                                | 588,674               | 30,954                | 2,991,432              | 2,821,206             | 170,226                  | 93,608               | 33,672  |
| Wisconsin                      | 2,603,808                                | 1,046,691             |                       | 1,467,332              | 1,374,461             | 92,871                   | 89,785               | 13,293  |
| WEST NORTH CENTRAL:            |  |                       |                       |                        |                       |                          |                      |   |
| Minnesota                      | 2,999,422                                | 2,112                 | 156,349               | 2,836,526              | 2,739,753             | 96,773                   | 4,435                | 45,135  |
| Iowa                           | 5,878,820                                | 1,676,179             | 166,700               | 3,973,263              | 3,487,086             | 486,177                  | 62,678               | 100,769   |
| Missouri                       | 7,107,835                                | 38,000                | 59,999                | 6,923,047              | 6,429,086             | 493,961                  | 86,789               | 77,432  |
| North Dakota                   | 289,034                                  |                       |                       | 286,363                | 237,081               | 49,282                   | 2,671                | 5,420   |
| South Dakota                   | 318,196                                  |                       |                       | 318,196                | 316,576               | 1,620                    |                      | 270   |
| Nebraska                       | 2,525,830                                | 106,792               | 167,847               | 2,237,847              | 1,631,239             | 606,608                  | 13,344               | 23,200  |
| Kansas                         | 3,304,624                                |                       | 44,160                | 3,243,028              | 2,991,013             | 252,015                  | 17,436               | 24,540  |
| SOUTH ATLANTIC:                |  |                       |                       |                        |                       |                          |                      |   |
| Delaware                       | 212,598                                  | 157,594               |                       | 55,004                 | 43,153                | 11,851                   |                      | 18,864  |
| Maryland                       | 8,394,288                                | 6,278,617             | 1,580,867             | 532,426                | 340,534               | 191,892                  | 2,378                | 743,297   |
| District of Columbia           | 435,797                                  |                       | 114,420               | 318,054                | 144,003               | 174,051                  | 3,323                |   |
| Virginia                       | 1,645,191                                | 200                   | 156,840               | 1,486,888              | 1,309,495             | 177,393                  | 1,263                | 5,873   |
| West Virginia                  | 2,971,088                                | 1,872                 |                       | 2,967,634              | 2,788,462             | 179,172                  | 1,582                | 27,162  |
| North Carolina                 | 567,910                                  | 51,500                |                       | 510,835                | 357,191               | 153,644                  | 5,575                | 3,842   |
| South Carolina                 | 216,622                                  |                       |                       | 215,162                | 212,260               | 2,902                    | 1,460                | 1,530   |
| Georgia                        | 686,515                                  | 8,778                 | 9                     | 674,677                | 524,161               | 150,516                  | 3,051                | 1,548   |
| Florida                        | 878,453                                  |                       |                       | 876,344                | 844,250               | 32,094                   | 2,109                | 4,113   |
| EAST SOUTH CENTRAL:            |  |                       |                       |                        |                       |                          |                      |   |
| Kentucky                       | 1,584,163                                |                       | 25,940                | 1,557,306              | 1,450,278             | 107,028                  | 917                  | 31,448  |
| Tennessee                      | 2,141,002                                | 263,039               | 9,625                 | 1,865,967              | 1,609,266             | 256,701                  | 2,371                | 88,187  |
| Alabama                        | 693,354                                  |                       | 47,900                | 644,244                | 629,859               | 14,385                   | 1,210                | 2,282   |
| Mississippi                    | 657,446                                  | 232,140               |                       | 425,306                | 301,401               | 123,905                  |                      | 45,372  |
| WEST SOUTH CENTRAL:            |  |                       |                       |                        |                       |                          |                      |   |
| Arkansas                       | 2,030,378                                | 35,763                |                       | 1,990,751              | 1,854,710             | 136,041                  | 3,864                | 9,916   |
| Louisiana                      | 1,710,557                                | 509,456               | 157,525               | 1,042,678              | 831,089               | 211,589                  | 898                  | 76,212  |
| Oklahoma                       | 3,193,871                                |                       | 11,155                | 3,178,745              | 3,121,241             | 57,504                   | 3,971                | 21,541  |
| Texas                          | 6,680,028                                | 7,097                 | 137,121               | 6,534,478              | 5,958,882             | 575,596                  | 1,332                | 48,673  |
| MOUNTAIN:                      |  |                       |                       |                        |                       |                          |                      |   |
| Montana                        | 1,540,096                                |                       | 1,000                 | 1,530,342              | 1,231,176             | 299,166                  | 8,754                | 4,407   |
| Idaho                          | 1,054,074                                | 14,127                |                       | 1,039,604              | 1,007,892             | 31,712                   | 343                  | 25,622  |
| Wyoming                        | 289,213                                  |                       |                       | 288,913                | 288,913               |                          | 300                  | 9,755   |
| Colorado                       | 3,484,850                                | 988,167               | 170,145               | 2,303,740              | 2,047,618             | 256,122                  | 22,798               | 10,111  |
| New Mexico                     | 516,748                                  |                       | 2,100                 | 514,626                | 514,180               | 446                      | 22                   | 2,436   |
| Arizona                        | 607,239                                  |                       | 270                   | 606,969                | 501,349               | 105,620                  |                      | 3,074   |
| Utah                           | 1,166,834                                | 465,717               |                       | 701,061                | 678,875               | 22,186                   | 56                   | 2,700   |
| Nevada                         | 54,050                                   |                       |                       | 54,050                 | 54,050                |                          |                      | 72  |
| PACIFIC:                       |  |                       |                       |                        |                       |                          |                      |   |
| Washington                     | 2,160,527                                | 129,623               | 83,985                | 1,910,123              | 1,643,451             | 266,672                  | 36,796               | 20,260  |
| Oregon                         | 1,991,337                                | 479,581               | 102,750               | 1,404,564              | 1,186,483             | 218,381                  | 4,142                | 6,988   |
| California                     | 35,739,822                               | 27,463,493            | 1,186,508             | 7,011,598              | 4,406,188             | 2,605,410                | 78,223               | 4,961,901   |



DIAGRAM 27.—STOCKS OF MISCELLANEOUS CANNED VEGETABLES  
REPORTED FOR JULY 1, 1918, AND JULY 1, 1917, BY  
IMPORTANT CLASSES OF BUSINESS.

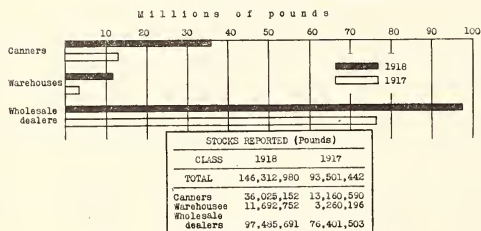


Table 37.—Comparative figures for miscellaneous canned vegetables—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | Stocks reported for July 1, 1918. | Stocks reported for July 1, 1917. |
|--------------------------------|-----------------------------------|-----------------------------------|
|                                | Pounds.<br>146,312,980            | Pounds.<br>93,501,442             |
| <b>GEOGRAPHIC DIVISIONS:</b>   |                                   |                                   |
| New England.....               | 5,773,531                         | 3,941,200                         |
| Middle Atlantic.....           | 29,939,943                        | 15,694,477                        |
| East North Central.....        | 35,706,871                        | 21,706,947                        |
| West North Central.....        | 19,461,535                        | 15,639,293                        |
| South Atlantic.....            | 12,198,636                        | 7,837,177                         |
| East South Central.....        | 4,265,020                         | 3,062,604                         |
| West South Central.....        | 10,831,983                        | 7,711,212                         |
| Mountain.....                  | 7,706,797                         | 4,661,100                         |
| Pacific.....                   | 20,428,664                        | 13,247,432                        |
| <b>NEW ENGLAND:</b>            |                                   |                                   |
| Maine.....                     | 1,787,509                         | 979,066                           |
| New Hampshire.....             | 255,473                           | 366,125                           |
| Vermont.....                   | 215,868                           | 193,111                           |
| Massachusetts.....             | 2,855,950                         | 1,798,110                         |
| Rhode Island.....              | 292,656                           | 214,415                           |
| Connecticut.....               | 366,045                           | 390,373                           |
| <b>MIDDLE ATLANTIC:</b>        |                                   |                                   |
| New York.....                  | 15,869,464                        | 8,506,685                         |
| New Jersey.....                | 862,756                           | 715,469                           |
| Pennsylvania.....              | 13,207,723                        | 6,472,323                         |
| <b>EAST NORTH CENTRAL:</b>     |                                   |                                   |
| Ohio.....                      | 10,831,558                        | 5,411,057                         |
| Indiana.....                   | 7,650,938                         | 3,277,454                         |
| Illinois.....                  | 12,581,659                        | 9,460,430                         |
| Michigan.....                  | 3,056,829                         | 2,207,691                         |
| Wisconsin.....                 | 1,555,887                         | 1,350,315                         |
| <b>WEST NORTH CENTRAL:</b>     |                                   |                                   |
| Minnesota.....                 | 2,736,451                         | 1,926,371                         |
| Iowa.....                      | 5,233,847                         | 3,222,976                         |
| Missouri.....                  | 6,292,972                         | 5,649,029                         |
| North Dakota.....              | 286,407                           | 230,220                           |
| South Dakota.....              | 289,235                           | 224,657                           |
| Nebraska.....                  | 1,813,570                         | 1,689,071                         |
| Kansas.....                    | 2,839,053                         | 2,696,969                         |
| <b>SOUTH ATLANTIC:</b>         |                                   |                                   |
| Delaware.....                  | 211,097                           | 42,241                            |
| Maryland.....                  | 7,063,865                         | 4,046,404                         |
| District of Columbia.....      | 248,230                           | 116,699                           |
| Virginia.....                  | 1,041,458                         | 945,598                           |
| West Virginia.....             | 1,703,481                         | 1,403,977                         |
| North Carolina.....            | 397,266                           | 254,278                           |
| South Carolina.....            | 168,029                           | 120,584                           |
| Georgia.....                   | 582,885                           | 383,899                           |
| Florida.....                   | 782,325                           | 523,497                           |
| <b>EAST SOUTH CENTRAL:</b>     |                                   |                                   |
| Kentucky.....                  | 1,463,642                         | 1,151,641                         |
| Tennessee.....                 | 1,740,251                         | 1,281,138                         |
| Alabama.....                   | 379,090                           | 452,615                           |
| Mississippi.....               | 482,037                           | 177,210                           |
| <b>WEST SOUTH CENTRAL:</b>     |                                   |                                   |
| Arkansas.....                  | 1,816,115                         | 1,376,239                         |
| Louisiana.....                 | 1,084,798                         | 520,461                           |
| Oklahoma.....                  | 2,106,840                         | 1,463,709                         |
| Texas.....                     | 5,824,230                         | 4,350,812                         |
| <b>MOUNTAIN:</b>               |                                   |                                   |
| Montana.....                   | 1,341,251                         | 468,119                           |
| Idaho.....                     | 1,018,481                         | 337,760                           |
| Wyoming.....                   | 158,416                           | 138,122                           |
| Colorado.....                  | 3,254,970                         | 2,310,180                         |
| New Mexico.....                | 258,937                           | 236,390                           |
| Arizona.....                   | 474,593                           | 294,177                           |
| Utah.....                      | 1,116,099                         | 801,628                           |
| Nevada.....                    | 54,050                            | 74,724                            |
| <b>PACIFIC:</b>                |                                   |                                   |
| Washington.....                | 1,945,326                         | 1,239,886                         |
| Oregon.....                    | 1,758,981                         | 1,039,257                         |
| California.....                | 16,724,357                        | 10,968,289                        |

## COMMERCIAL STOCKS OF CANNED FRUITS AND BERRIES

NOT INCLUDING RETAIL STOCKS.

The commercial stocks of canned fruits and berries, together with the quantities in transit, as reported by all classes of business concerns except retail dealers, in the Food Survey of July 1, 1918, amounted to 260,131,943 pounds. Of this amount, 251,744,386 pounds represented stocks on hand and 8,387,557 pounds quantities in transit. Of the stocks reported as on hand, the canners held 17.7 per cent; the warehouses, 13.5 per cent; the wholesale dealers, 63.2 per cent; the bakers, 2.8 per cent; and a miscellaneous group of firms, 2.8 per cent. Figures for these stocks, as actually reported by the several classes of business, are given in the first column of Table 38, and the quantities in transit are similarly given in the last column of the same table. The relative holdings of the classes of concerns above enumerated are shown in graphic form in Diagram 28.

The number of schedules received and tabulated for stocks of canned fruits and berries is shown, by classes of business, in Table 40.

Table 38.—Stocks of canned fruits and berries reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917—United States totals.

| CLASS OF BUSINESS.                 | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                   |                                |                              | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|------------------------------------|--|--|-------------------|--------------------------------|------------------------------|--|
|                                    |  | 1918 stocks.   |                   | 1917<br>stocks.                |                              |  |
|                                    |  | Quantity.  | Per cent of 1917. | Quantity.                      | Per cent of 1917.            |  |
| <b>Total</b> -----                 | <b>Pounds.<br/>251,744,386</b>                                   | <b>Pounds.<br/>198,218,197</b>   | <b>138.8</b>      | <b>Pounds.<br/>142,843,707</b> | <b>Pounds.<br/>8,387,557</b> |  |
| Canners-----                       | 44,646,739   | 38,674,140   | 349.6             | 11,062,086                     | 6,450,325                    |  |
| Warehouses-----                    | 33,920,244   | 11,999,603   | 191.6             | 6,263,876                      | 13,600                       |  |
| Wholesale dealers-----             | 159,138,270  | 135,378,866  | 117.7             | 115,050,981                    | 1,902,017                    |  |
| Wholesale grocers-----             | 128,832,874  | 108,307,333  | 108.6             | 99,759,751                     | 1,010,284                    |  |
| Other wholesale<br>dealers-----    | 30,305,396   | 27,071,533   | 177.0             | 15,291,230                     | 800,733                      |  |
| Bakers-----                        | 7,081,558  | 6,113,585  | 111.4             | 5,488,713                      | 2,123                        |  |
| Miscellaneous-----                 | 6,957,575  | 6,052,003  | 121.6             | 4,978,051                      | 19,492                       |  |
| Manufacturers of<br>preserves----- | 3,829,449  | 3,162,107  | 179.0             | 1,766,675                      | 10,369                       |  |
| Confectioners-----                 | 1,210,225  | 1,132,393  | 93.0              | 1,218,464                      | 1,022                        |  |
| Other miscellaneous-----           | 1,917,901  | 1,756,503  | 88.2              | 1,992,912                      | 8,101                        |  |

DIAGRAM 28.—DISTRIBUTION OF TOTAL STOCKS OF CANNED FRUITS AND BERRIES REPORTED FOR JULY 1, 1918, BY MANUFACTURERS, STORAGE HOUSES, AND WHOLESALE DEALERS.

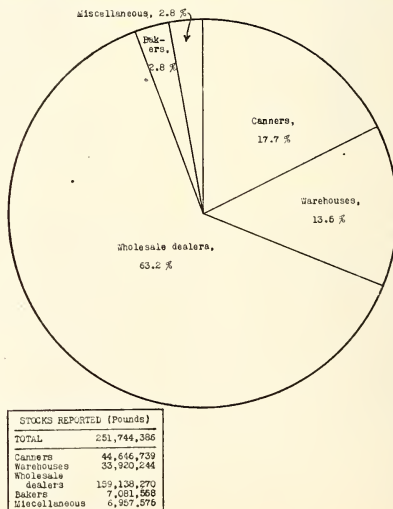




Table 39.—Stocks of canned fruits and berries reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |                       |                      |                        |                        |                          |                      |                      | Quantity reported as in transit on July 1, 1918. |
|--------------------------------|--|-----------------------|----------------------|------------------------|------------------------|--------------------------|----------------------|----------------------|--|
|                                | TOTAL.                                   | Canners.              | Warehouses.          | Wholesale dealers.     |                        |                          | Bakers.              | Miscellaneous.       |  |
|                                |  |                       |                      | Total.                 | Wholesale grocers.     | Other wholesale dealers. |                      |                      |  |
| United States                  | Pounds.<br>251,744,386                   | Pounds.<br>44,646,739 | Pounds<br>33,920,244 | Pounds.<br>159,138,270 | Pounds.<br>128,832,874 | Pounds.<br>30,305,396    | Pounds.<br>7,081,558 | Pounds.<br>6,957,575 | Pounds.<br>8,387,557                             |
| GEOGRAPHIC DIVISIONS:          |  |                       |                      |                        |                        |                          |                      |                      |  |
| New England.....               | 9,500,090                                | 285,454               | 1,135,414            | 6,186,569              | 4,361,229              | 1,825,340                | 307,883              | 1,584,770            | 24,733   |
| Middle Atlantic.....           | 32,685,107                               | 3,836,116             | 5,283,923            | 20,390,897             | 15,467,290             | 4,923,607                | 1,545,744            | 1,628,427            | 661,282  |
| East North Central.....        | 39,611,776                               | 2,214,119             | 4,539,196            | 28,913,954             | 22,041,664             | 6,872,290                | 2,287,649            | 1,656,858            | 363,229  |
| West North Central.....        | 40,702,618                               | 169,028               | 3,545,166            | 35,275,599             | 29,795,928             | 5,479,671                | 1,493,849            | 218,976              | 278,716  |
| South Atlantic.....            | 16,780,525                               | 3,844,636             | 1,835,941            | 10,638,889             | 8,931,217              | 1,707,672                | 326,439              | 134,620              | 391,069  |
| East South Central.....        | 8,432,599                                | 1,083,536             | 205,023              | 6,835,508              | 5,212,493              | 1,623,015                | 98,289               | 210,243              | 66,398   |
| West South Central.....        | 20,690,308                               | 588,222               | 607,002              | 19,329,442             | 16,693,731             | 2,635,711                | 131,225              | 34,417               | 84,297   |
| Mountain.....                  | 17,684,788                               | 1,235,126             | 441,146              | 15,736,432             | 13,233,406             | 2,503,026                | 208,431              | 63,653               | 174,701  |
| Pacific.....                   | 65,656,575                               | 31,390,502            | 16,327,433           | 15,830,980             | 13,095,916             | 2,735,064                | 682,049              | 1,425,611            | 6,343,130  |
| NEW ENGLAND:                   |  |                       |                      |                        |                        |                          |                      |                      |  |
| Maine.....                     | 1,573,062                                | 271,442               | 112,176              | 1,170,964              | 962,486                | 208,478                  | 15,559               | 2,921                | 5,751  |
| New Hampshire.....             | 334,024                                  | —                     | —                    | 330,604                | 239,712                | 90,892                   | 2,964                | 456                  | 2,189  |
| Vermont.....                   | 123,870                                  | —                     | —                    | 120,311                | 105,856                | 14,455                   | 2,676                | 883                  | 298  |
| Massachusetts.....             | 6,207,097                                | 14,012                | 977,985              | 3,459,280              | 2,363,680              | 1,095,600                | 186,143              | 1,569,677            | 15,606   |
| Rhode Island.....              | 408,551                                  | —                     | 45,253               | 340,315                | 224,210                | 116,105                  | 21,384               | 1,599                | 757  |
| Connecticut.....               | 853,486                                  | —                     | —                    | 765,095                | 465,285                | 299,810                  | 79,157               | 9,234                | 134  |
| MIDDLE ATLANTIC:               |  |                       |                      |                        |                        |                          |                      |                      |  |
| New York.....                  | 19,752,237                               | 3,146,714             | 3,063,074            | 11,751,506             | 8,327,093              | 3,424,413                | 733,681              | 1,057,262            | 335,029  |
| New Jersey.....                | 2,654,589                                | 679,471               | 741,140              | 966,924                | 700,949                | 265,975                  | 132,461              | 134,573              | 6,968  |
| Pennsylvania.....              | 10,278,281                               | 9,931                 | 1,479,689            | 7,672,467              | 6,439,248              | 1,233,219                | 679,602              | 436,592              | 319,285  |
| EAST NORTH CENTRAL:            |  |                       |                      |                        |                        |                          |                      |                      |  |
| Ohio.....                      | 8,077,462                                | 353,886               | 157,387              | 6,798,475              | 6,382,654              | 415,821                  | 376,636              | 391,129              | 56,339   |
| Indiana.....                   | 2,560,105                                | 75                    | 46,951               | 2,321,294              | 2,230,298              | 90,996                   | 142,077              | 49,704               | 7,695  |
| Illinois.....                  | 21,877,768                               | 2,220                 | 4,252,897            | 15,273,958             | 9,396,236              | 5,877,722                | 1,296,822            | 1,051,871            | 210,705  |
| Michigan.....                  | 5,252,247                                | 1,857,938             | 6,084                | 2,930,249              | 2,706,791              | 223,458                  | 319,174              | 138,802              | 81,308   |
| Wisconsin.....                 | 1,844,194                                | —                     | 75,924               | 1,589,978              | 1,325,685              | 264,293                  | 152,940              | 25,352               | 7,182  |
| WEST NORTH CENTRAL:            |  |                       |                      |                        |                        |                          |                      |                      |  |
| Minnesota.....                 | 4,712,228                                | —                     | 426,662              | 4,202,684              | 3,705,803              | 496,881                  | 76,393               | 6,489                | 55,912   |
| Iowa.....                      | 7,901,792                                | 3,200                 | 167,219              | 7,495,349              | 6,927,189              | 568,160                  | 171,723              | 64,211               | 48,028   |
| Missouri.....                  | 13,235,558                               | 70,028                | 2,343,127            | 9,855,239              | 7,798,094              | 2,057,145                | 853,343              | 113,821              | 85,454   |
| North Dakota.....              | 844,720                                  | —                     | —                    | 791,951                | 651,597                | 140,354                  | 52,633               | 136                  | 5,257  |
| South Dakota.....              | 738,431                                  | —                     | —                    | 730,078                | 640,785                | 98,293                   | 4,665                | 3,688                | 240  |
| Nebraska.....                  | 4,224,552                                | 95,800                | 401,568              | 5,603,813              | 2,084,102              | 1,519,711                | 96,238               | 24,133               | 38,900   |
| Kansas.....                    | 9,045,427                                | —                     | 203,590              | 8,596,485              | 7,988,358              | 608,127                  | 238,854              | 64,98                | 44,925   |
| SOUTH ATLANTIC:                |  |                       |                      |                        |                        |                          |                      |                      |  |
| Delaware.....                  | 890,699                                  | 847,604               | —                    | 12,912                 | 6,161                  | 6,751                    | 26,521               | 3,662                | 49,113   |
| Maryland.....                  | 3,638,469                                | 1,711,558             | 1,315,760            | 515,726                | 339,643                | 176,083                  | 37,253               | 58,172               | 249,423  |
| District of Columbia.....      | 427,630                                  | —                     | 149,748              | 257,627                | 152,824                | 104,803                  | 20,205               | 50                   | 45   |
| Virginia.....                  | 2,013,450                                | 29,030                | 182,375              | 1,724,269              | 1,321,031              | 403,238                  | 51,277               | 26,499               | 18,965   |
| West Virginia.....             | 4,274,846                                | 50,619                | 4,153,426            | 4,006,896              | 146,530                | 48,801                   | 22,000               | 55,187               | 45,181   |
| North Carolina.....            | 1,135,611                                | —                     | 1,089,238            | 766,260                | 322,978                | 45,201                   | 1,172                | 4,538                | 5,538  |
| South Carolina.....            | 463,417                                  | —                     | 485                  | 460,882                | 353,025                | 107,857                  | 2,050                | —                    | 990  |
| Georgia.....                   | 2,569,858                                | 1,205,825             | 187,573              | 1,116,232              | 914,440                | 201,792                  | 40,960               | 19,268               | 3,471  |
| Florida.....                   | 1,366,545                                | —                     | —                    | 1,308,577              | 1,070,937              | 237,640                  | 54,171               | 3,797                | 9,337  |
| EAST SOUTH CENTRAL:            |  |                       |                      |                        |                        |                          |                      |                      |  |
| Kentucky.....                  | 3,488,426                                | 1,052,208             | 131,218              | 2,107,751              | 1,548,572              | 559,179                  | 24,594               | 172,655              | 23,410   |
| Tennessee.....                 | 2,674,281                                | 16,466                | 8,445                | 2,580,669              | 2,021,294              | 559,375                  | 46,808               | 21,893               | 37,700   |
| Alabama.....                   | 1,502,299                                | —                     | 65,360               | 1,395,760              | 1,121,739              | 274,021                  | 26,447               | 14,732               | 5,120  |
| Mississippi.....               | 767,593                                  | 14,862                | —                    | 751,328                | 520,888                | 230,440                  | 440                  | 963                  | 168  |
| WEST SOUTH CENTRAL:            |  |                       |                      |                        |                        |                          |                      |                      |  |
| Arkansas.....                  | 1,483,837                                | 474,318               | —                    | 1,008,528              | 841,369                | 167,159                  | 361                  | 630                  | 8,402  |
| Louisiana.....                 | 1,502,203                                | 19,560                | 70,477               | 1,398,081              | 1,151,513              | 246,568                  | 613                  | 13,472               | 13,425   |
| Oklahoma.....                  | 6,886,023                                | 600                   | 77,766               | 6,709,819              | 6,459,254              | 250,565                  | 97,328               | 510                  | 38,443   |
| Texas.....                     | 10,818,245                               | 93,744                | 458,759              | 10,213,014             | 8,241,595              | 1,971,419                | 32,923               | 19,805               | 24,027   |
| MOUNTAIN:                      |  |                       |                      |                        |                        |                          |                      |                      |  |
| Montana.....                   | 3,969,011                                | —                     | 10,440               | 3,920,450              | 2,617,924              | 1,302,526                | 34,578               | 3,543                | 20,771   |
| Idaho.....                     | 1,890,862                                | 257,060               | 9,504                | 1,620,074              | 1,509,001              | 111,073                  | 3,582                | 642                  | 30,104   |
| Wyoming.....                   | 350,577                                  | —                     | —                    | 348,021                | 348,021                | —                        | 2,556                | —                    | 5,545  |
| Colorado.....                  | 5,509,757                                | 453,940               | 390,054              | 4,501,446              | 3,926,929              | 574,517                  | 128,825              | 35,492               | 21,214   |
| New Mexico.....                | 1,167,753                                | —                     | 6,380                | 1,149,470              | 1,145,960              | 3,510                    | 11,603               | 300                  | 2,442  |
| Arizona.....                   | 1,528,008                                | —                     | 648                  | 1,512,234              | 1,312,329              | 199,905                  | 14,713               | 413                  | 2,878  |
| Utah.....                      | 3,187,950                                | 524,126               | 24,120               | 2,694,299              | 2,293,174              | 311,125                  | 12,142               | 23,263               | 91,747   |
| Nevada.....                    | 80,870                                   | —                     | —                    | 80,438                 | 80,068                 | 370                      | 432                  | —                    | —  |
| PACIFIC:                       |  |                       |                      |                        |                        |                          |                      |                      |  |
| Washington.....                | 5,049,640                                | 783,723               | 74,631               | 4,064,393              | 2,976,076              | 1,088,317                | 115,559              | 11,334               | 93,536   |
| Oregon.....                    | 5,849,463                                | 2,023,855             | 25,000               | 2,634,978              | 2,274,092              | 359,986                  | 89,545               | 1,076,085            | 53,701   |
| California.....                | 54,757,472                               | 28,582,924            | 16,227,802           | 9,131,609              | 7,841,848              | 1,286,761                | 476,945              | 338,192              | 6,195,893  |

Table 40.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting canned fruits and berries.

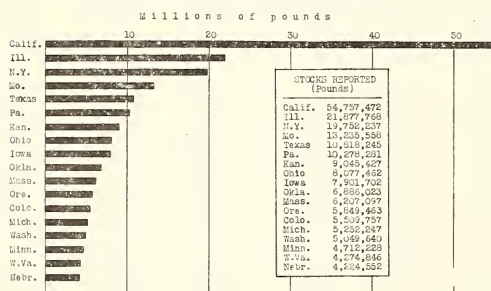
| CLASS OF BUSINESS.              | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|---------------------------------|----------------------------------|---|
| Total.....                      | 7,021                            | 5,454                                   |
| Canners.....                    | 226                              | 158                                     |
| Warehouses.....                 | 172                              | 100                                     |
| Wholesale dealers.....          | 4,414                            | 3,576                                   |
| Wholesale grocers.....          | 3,434                            | 2,768                                   |
| Other wholesale dealers.....    | 960                              | 808                                     |
| Bakers.....                     | 1,629                            | 1,175                                   |
| Miscellaneous.....              | 580                              | 436                                     |
| Manufacturers of preserves..... | 58                               | 49                                      |
| Confectioners.....              | 243                              | 184                                     |
| Other miscellaneous.....        | 279                              | 203                                     |

### Geographic Distribution of Stocks Reported.

The stocks of canned fruits and berries reported by each class of business concerns are shown by geographic divisions and states in Table 39. These figures indicate that the Pacific division ranked first in stocks reported, with the West North Central division second, the East North Central division third, and the Middle Atlantic division fourth. Turning to the figures for individual states, it may be seen that California alone reported 54,757,472 pounds, or more than one-fifth of the total for the entire country. Illinois ranked second in stocks reported, New York third, and Missouri fourth. The stocks of this commodity reported for the eighteen most important states are represented graphically in Diagram 29.

The quantities reported as in transit are shown by geographic divisions and states in the last column of Table 39.

Diagram 29.—Stocks of Canned Fruits and Berries Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



### Comparative Figures for 1918 and 1917.

Nearly four-fifths of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year schedules are given by classes of business in Table 38, and by geographic divisions and states in Table 41. These figures indicate a fairly general increase in the stocks of canned fruits and berries for the different classes of concerns here considered. The increase in holdings was especially marked in the case of the canners, who reported stocks for the date of the Survey nearly three and one-half times their holdings on July 1, 1917. The total stocks reported for July 1, 1918, were 38.8 per cent larger than the corresponding stocks on July 1, 1917. The relative stocks on the two dates are represented graphically, for each class of business concerns except the miscellaneous group, in Diagram 30.

Diagram 30.—Stocks of Canned Fruits and Berries Reported for July 1, 1918, and July 1, 1917, by Important Classes of Business.

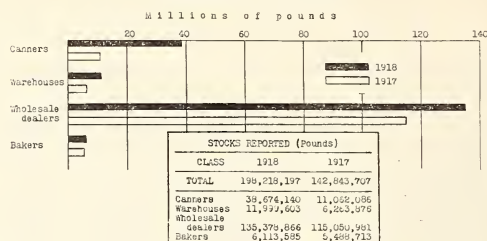


Table 41.—Comparative figures for canned fruits and berries—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | Stocks reported for July 1, 1918. | Stocks reported for July 1, 1917. |
|--------------------------------|-----------------------------------|-----------------------------------|
|                                | Pounds.<br>198,218,197            | Pounds.<br>142,843,707            |
| United States.....             |                                   |                                   |
| GEOGRAPHIC DIVISIONS:          |                                   |                                   |
| New England.....               | 7,470,212                         | 7,788,451                         |
| Middle Atlantic.....           | 26,902,869                        | 21,483,307                        |
| East North Central.....        | 30,041,324                        | 30,281,715                        |
| West North Central.....        | 34,560,371                        | 25,597,908                        |
| South Atlantic.....            | 11,151,810                        | 8,597,137                         |
| East South Central.....        | 7,467,619                         | 6,264,049                         |
| West South Central.....        | 15,500,527                        | 11,066,622                        |
| Mountain.....                  | 15,007,674                        | 9,305,646                         |
| Pacific.....                   | 47,115,791                        | 22,458,809                        |
| NEW ENGLAND:                   |                                   |                                   |
| Maine.....                     | 1,266,066                         | 1,624,491                         |
| New Hampshire.....             | 297,194                           | 407,027                           |
| Vermont.....                   | 71,452                            | 87,067                            |
| Massachusetts.....             | 4,837,235                         | 4,566,620                         |
| Rhode Island.....              | 312,172                           | 538,915                           |
| Connecticut.....               | 686,093                           | 561,334                           |
| MIDDLE ATLANTIC:               |                                   |                                   |
| New York.....                  | 15,996,856                        | 11,925,056                        |
| New Jersey.....                | 1,493,983                         | 1,359,499                         |
| Pennsylvania.....              | 9,412,030                         | 8,198,902                         |
| EAST NORTH CENTRAL:            |                                   |                                   |
| Ohio.....                      | 7,175,548                         | 6,013,528                         |
| Indiana.....                   | 2,092,297                         | 2,546,876                         |
| Illinois.....                  | 17,776,439                        | 17,841,415                        |
| Michigan.....                  | 4,386,778                         | 2,386,953                         |
| Wisconsin.....                 | 1,610,262                         | 1,479,941                         |
| WEST NORTH CENTRAL:            |                                   |                                   |
| Minnesota.....                 | 4,360,095                         | 4,160,160                         |
| Iowa.....                      | 7,155,146                         | 5,177,035                         |
| Missouri.....                  | 11,429,620                        | 7,067,542                         |
| North Dakota.....              | 817,234                           | 744,145                           |
| South Dakota.....              | 648,534                           | 580,255                           |
| Nebraska.....                  | 3,494,859                         | 2,714,436                         |
| Kansas.....                    | 6,654,883                         | 5,154,335                         |
| SOUTH ATLANTIC:                |                                   |                                   |
| Delaware.....                  | 867,848                           | 59,338                            |
| Maryland.....                  | 2,667,266                         | 1,939,737                         |
| District of Columbia.....      | 179,064                           | 169,108                           |
| Virginia.....                  | 1,337,800                         | 1,424,876                         |
| West Virginia.....             | 2,522,003                         | 2,240,492                         |
| North Carolina.....            | 951,064                           | 951,064                           |
| South Carolina.....            | 346,701                           | 363,214                           |
| Georgia.....                   | 1,010,574                         | 842,524                           |
| Florida.....                   | 1,229,494                         | 1,056,222                         |
| EAST SOUTH CENTRAL:            |                                   |                                   |
| Kentucky.....                  | 3,190,391                         | 2,494,016                         |
| Tennessee.....                 | 2,250,768                         | 1,978,489                         |
| Alabama.....                   | 1,354,578                         | 1,298,586                         |
| Mississippi.....               | 671,882                           | 492,688                           |
| WEST SOUTH CENTRAL:            |                                   |                                   |
| Arkansas.....                  | 1,125,263                         | 745,661                           |
| Louisiana.....                 | 1,250,632                         | 1,024,475                         |
| Oklahoma.....                  | 3,750,053                         | 2,787,131                         |
| Texas.....                     | 9,374,579                         | 6,509,355                         |
| MOUNTAIN:                      |                                   |                                   |
| Montana.....                   | 3,189,267                         | 1,427,679                         |
| Idaho.....                     | 1,627,165                         | 979,375                           |
| Wyoming.....                   | 232,899                           | 240,801                           |
| Colorado.....                  | 5,116,756                         | 3,282,305                         |
| New Mexico.....                | 829,528                           | 749,233                           |
| Arizona.....                   | 1,142,736                         | 695,076                           |
| Utah.....                      | 2,788,885                         | 1,878,604                         |
| Nevada.....                    | 80,438                            | 52,673                            |
| PACIFIC:                       |                                   |                                   |
| Washington.....                | 4,483,038                         | 3,127,944                         |
| Oregon.....                    | 5,353,364                         | 3,187,700                         |
| California.....                | 37,279,389                        | 16,143,165                        |



# COMMERCIAL STOCKS OF PRESERVES, MARMALADES, JELLIES, CRUSHED FRUITS, AND FRUIT SIRUPS

## NOT INCLUDING RETAIL STOCKS.

The commercial stocks of preserves, marmalades, jellies, crushed fruits, and fruit sirups, together with the quantities in transit, as reported in the Food Survey of July 1, 1918, by business concerns other than retail dealers, amounted to 67,922,655 pounds, comprising 64,651,075 pounds on hand and 3,271,580 pounds in transit. Of the stocks on hand, the manufacturers held 25.7 per cent; the warehouses, 11.7 per cent; the wholesale dealers, 47.5 per cent; the confectioners, 3.0 per cent; and a miscellaneous group of firms, 12.1 per cent. The stocks reported as on hand by each of these classes of business concerns are shown in the first column of Table 42 and the quantity reported as in transit in the last column. The relative holdings reported by the different classes of concerns are shown in graphic form in Diagram 31.

The number of schedules received and tabulated for stocks of the commodities here considered is shown by classes of firms in Table 43.

Table 42.—Stocks of preserves, marmalades, jellies, crushed fruits, and fruit sirups reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, with comparative figures for July 1, 1917.—United States totals.

| CLASS OF BUSINESS.                                     | Total<br>stocks<br>reported<br>as on<br>hand<br>July 1,<br>1918. | COMPARATIVE FIGURES—FROM<br>FIRMS REPORTING FOR BOTH<br>1918 AND 1917. |                      |                       | Quantity<br>reported<br>as in<br>transit<br>on<br>July 1,<br>1918. |
|--|--|--|----------------------|-----------------------|--|
|  |  | 1918 stocks.   |                      | 1917<br>stocks.       |  |
|  |  | Quantity.  | Per cent<br>of 1917. |                       |  |
| Total.   | Pounds<br>64,651,075   | Pounds,<br>53,715,964  | 122.1                | Pounds,<br>43,978,392 | Pounds,<br>3,271,580   |
| Manufacturers.....                                     | 16,642,580   | 13,678,177   | 108.8                | 12,573,153            | 1,725,869  |
| Canners.....   | 3,924,857  | 2,482,894  | 121.3                | 2,046,362             | 587,978  |
| Manufacturers of<br>preserves and<br>fruit sirups..... | 12,717,723   | 11,195,283   | 106.4                | 10,526,791            | 1,137,891  |
| Warehouses.....  | 7,561,989  | 4,548,941  | 123.0                | 3,699,730             | 33,000   |
| Wholesale dealers.....                                 | 30,704,985   | 27,371,914   | 135.5                | 20,206,865            | 1,130,854  |
| Wholesale grocers.....                                 | 24,026,080   | 20,879,814   | 135.0                | 15,464,851            | 783,521  |
| Other wholesale<br>dealers.....                        | 6,678,905  | 6,492,100  | 136.9                | 4,742,014             | 347,333  |
| Confectioners.....                                     | 1,939,236  | 1,617,351  | 121.0                | 1,336,328             | 19,563   |
| Miscellaneous.....                                     | 7,802,285  | 6,499,581  | 105.5                | 6,162,316             | 362,294  |
| Bakers.....  | 954,772  | 865,291  | 81.9                 | 1,056,556             | 7,652  |
| Other miscellaneous.....                               | 6,847,573  | 5,634,290  | 110.4                | 5,105,760             | 354,642  |

Diagram 31.—Distribution of Total Stocks of Preserves, Marmalades, Jellies, Crushed Fruits, and Fruit Sirups Reported for July 1, 1918, by Manufacturers, Storage Houses, and Wholesale Dealers.

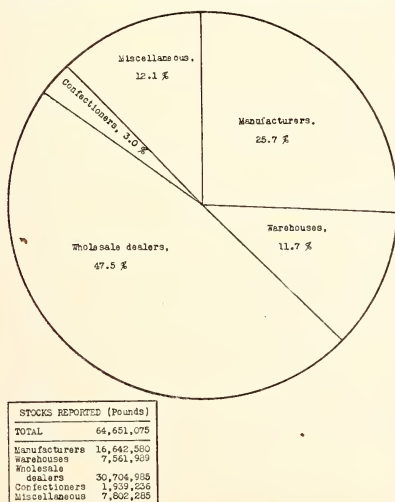


Table 43.—Number of firms (manufacturers, storage houses, and wholesale dealers) reporting preserves, marmalades, jellies, crushed fruits and fruit sirups.

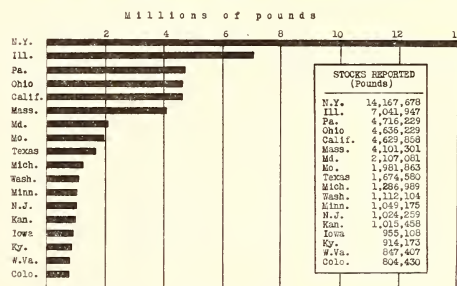
| CLASS OF BUSINESS.                               | Total number of firms reporting. | Firms reporting for both 1918 and 1917. |
|--|----------------------------------|---|
| Total.....                                       | 6,168                            | 4,885                                   |
| Manufacturers.....                               | 162                              | 127                                     |
| Canners.....                                     | 53                               | 39                                      |
| Manufacturers of preserves and fruit sirups..... | 108                              | 88                                      |
| Warehouses.....                                  | 110                              | 70                                      |
| Wholesale dealers.....                           | 4,060                            | 3,299                                   |
| Wholesale grocers.....                           | 3,235                            | 2,592                                   |
| Other wholesale dealers.....                     | 825                              | 707                                     |
| Confectioners.....                               | 519                              | 400                                     |
| Miscellaneous.....                               | 1,317                            | 989                                     |
| Bakers.....                                      | 965                              | 724                                     |
| Other miscellaneous.....                         | 352                              | 265                                     |

## Geographic Distribution of Stocks Reported.

The geographic distribution of the commercial stocks of preserves, marmalades, jellies, crushed fruits, and fruit sirups, as reported in the Food Survey of July 1, 1918, is shown in Table 44. The Middle Atlantic division ranked first among the geographic divisions in stocks reported, with the East North Central division second. Turning to the figures for individual states, it may be seen that New York alone reported 14,167,678 pounds, or considerably more than one-fifth of the total for the entire country. Illinois ranked second in stocks reported, Pennsylvania third, Ohio fourth, California fifth, and Massachusetts sixth. The stocks reported for the eighteen most important states are graphically represented in Diagram 32.

The quantities of this commodity reported as in transit are shown by geographic divisions and states in the last column of Table 44.

Diagram 32.—Stocks of Preserves, Marmalades, Jellies, Crushed Fruits, and Fruit Sirups Reported by Manufacturers, Storage Houses, and Wholesale Dealers for the Eighteen Most Important States.



## Comparative Figures for 1918 and 1917.

About 83 per cent of the returns, based on the quantity reported, gave information for July 1, 1917, as well as for July 1, 1918. Comparative figures based on these two-year schedules are given by classes of business in Table 42, and by geographic divisions and states in Table 45. These figures indicate that the stocks on hand on the date of the Survey were larger than the stocks of one year earlier in the case of all classes of business, with the single exception of one subclass in the miscellaneous group, namely, the bakers. The total stocks on July 1, 1918, were 22.1 per cent larger than the corresponding stocks on July 1, 1917. The relative stocks on the two dates are represented graphically, for the manufacturers, the warehouses, the wholesale dealers, and the confectioners, in Diagram 33.



Table 44.—Stocks of preserves, marmalades, jellies, crushed fruits, and fruit sirups, reported for July 1, 1918, by manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | STOCKS REPORTED AS ON HAND JULY 1, 1918. |                       |                      |                       |                      | Quantity reported as in transit on July 1, 1918. |
|--------------------------------|--|-----------------------|----------------------|-----------------------|----------------------|--|
|                                | Total.*                                  | Manu-<br>facturers.   | Ware-<br>houses.     | Wholesale<br>dealers. | Confec-<br>tioners.  |  |
| U. S.                          | Pounds.<br>64,651,075                    | Pounds.<br>16,642,580 | Pounds.<br>7,561,989 | Pounds.<br>30,794,985 | Pounds.<br>1,939,236 | Pounds.<br>3,271,580                             |
| GEOG. DIV.                     |  |                       |                      |                       |                      |  |
| N. Eng.                        | 4,801,698                                | 827,241               | 1,342,168            | 1,113,057             | 204,411              | 142,427  |
| Mid. Atl.                      | 19,908,166                               | 8,039,337             | 2,507,509            | 5,343,070             | 494,259              | 985,367  |
| E. N. C.                       | 14,055,285                               | 3,085,731             | 1,112,570            | 7,724,888             | 490,127              | 1,236,790  |
| W. N. C.                       | 6,194,858                                | 20,641                | 123,998              | 5,186,381             | 426,132              | 93,025   |
| S. Atl.                        | 5,272,256                                | 584,457               | 1,581,824            | 2,799,297             | 82,660               | 260,537  |
| E. S. C.                       | 2,131,808                                | 682,298               | 38,326               | 1,327,087             | 52,788               | 333,206  |
| W. S. C.                       | 3,252,548                                | 26,525                | 38,061               | 3,055,715             | 57,828               | 118,747  |
| Mt.                            | 2,729,637                                | 226,632               | 36,830               | 2,345,271             | 84,810               | 12,707   |
| Pacific                        | 6,304,819                                | 3,149,718             | 777,683              | 1,810,219             | 46,221               | 88,684   |
| NEW ENG.                       |  |                       |                      |                       |                      |  |
| Me.                            | 228,693                                  | -----                 | 11,150               | 135,465               | 3,122                | 1,175  |
| N. H.                          | 68,221                                   | -----                 | -----                | 61,153                | 1,232                | 471  |
| Vt.                            | 26,049                                   | -----                 | -----                | 13,285                | 6,861                | 160  |
| Mass.                          | 4,101,301                                | 823,611               | 1,327,627            | 598,066               | 184,096              | 139,901  |
| R. I.                          | 210,963                                  | -----                 | 3,391                | 174,102               | -----                | 242  |
| Conn.                          | 166,471                                  | 3,630                 | -----                | 130,986               | 8,500                | 478  |
| MID. ATL.                      |  |                       |                      |                       |                      |  |
| N. Y.                          | 14,167,678                               | 5,514,437             | 2,121,469            | 3,261,508             | 230,368              | 607,761  |
| N. J.                          | 1,024,259                                | 476,785               | 26,440               | 372,516               | 53,339               | 3,880  |
| Pa.                            | 4,716,229                                | 2,048,115             | 359,600              | 1,709,045             | 210,052              | 313,726  |
| E. N. C.                       |  |                       |                      |                       |                      |  |
| Ohio.                          | 4,636,229                                | 2,210,631             | 361,155              | 1,447,876             | 183,617              | 628,624  |
| Ind.                           | 533,629                                  | 115,833               | -----                | 309,981               | 93,872               | 9,478  |
| Ill.                           | 7,041,947                                | 600,177               | 710,836              | 4,504,799             | 126,839              | 584,835  |
| Mich.                          | 1,286,989                                | 159,015               | 21,830               | 973,819               | 78,779               | 11,010   |
| Wis.                           | 556,491                                  | 75                    | 18,749               | 488,413               | 7,020                | 2,843  |
| W. N. C.                       |  |                       |                      |                       |                      |  |
| Minn.                          | 1,049,175                                | 4,246                 | 2,014                | 911,135               | 79,164               | 25,762   |
| Iowa.                          | 955,108                                  | -----                 | -----                | 840,664               | 67,579               | 20,405   |
| Mo.                            | 1,981,863                                | 16,395                | 92,967               | 1,494,014             | 126,571              | 31,458   |
| N. D.                          | 468,038                                  | -----                 | -----                | 405,855               | 30,485               | 6,453  |
| S. D.                          | 91,722                                   | -----                 | -----                | 74,790                | 13,710               | 1,800  |
| Nebr.                          | 633,494                                  | -----                 | 3,224                | 562,912               | 21,048               | 1,995  |
| Kan.                           | 1,015,458                                | -----                 | 25,793               | 897,011               | 87,575               | 5,152  |
| S. ATL.                        |  |                       |                      |                       |                      |  |
| Del.                           | 29,244                                   | 4,680                 | -----                | 5,568                 | 16,800               | 450  |
| Md.                            | 2,107,081                                | 424,823               | 1,361,280            | 161,345               | 17,750               | 195,337  |
| D. C.                          | 331,571                                  | 320                   | 177,255              | 142,225               | 3,336                | -----  |
| Va.                            | 531,392                                  | 60,383                | -----                | 454,429               | 7,597                | 4,401  |
| W. Va.                         | 847,407                                  | 19,730                | -----                | 804,960               | 18,017               | 21,672   |
| N. C.                          | 205,911                                  | -----                 | 3,745                | 189,302               | 4,370                | 1,028  |
| S. C.                          | 327,623                                  | -----                 | -----                | 312,719               | 7,250                | 27,707   |
| Ga.                            | 443,408                                  | 7,890                 | 10                   | 406,325               | 2,238                | 6,647  |
| Fla.                           | 448,619                                  | 66,631                | 42,534               | 322,424               | 5,302                | 3,215  |
| E. S. C.                       |  |                       |                      |                       |                      |  |
| Ky.                            | 914,173                                  | 681,973               | -----                | 216,920               | 7,018                | 296,805  |
| Tenn.                          | 480,586                                  | -----                 | -----                | 437,073               | 36,469               | 1,981  |
| Ala.                           | 547,396                                  | -----                 | 38,326               | 486,281               | 9,026                | 34,360   |
| Miss.                          | 189,653                                  | 325                   | -----                | 186,813               | 275                  | 60   |
| W. S. C.                       |  |                       |                      |                       |                      |  |
| Ark.                           | 380,191                                  | -----                 | -----                | 342,155               | 35,638               | 1,355  |
| La.                            | 418,458                                  | 100                   | 18,780               | 389,713               | 2,700                | 5,722  |
| Okl.                           | 779,319                                  | 450                   | 13,270               | 731,935               | 1,035                | 1,648  |
| Texas.                         | 1,674,580                                | 25,975                | 6,011                | 1,591,912             | 18,455               | 110,022  |
| MOUNTAIN:                      |  |                       |                      |                       |                      |  |
| Mont.                          | 309,737                                  | -----                 | -----                | 240,412               | 63,565               | 2,861  |
| Idaho.                         | 424,048                                  | 218,436               | -----                | 198,910               | 5,517                | 373  |
| Wyo.                           | 84,421                                   | -----                 | -----                | 84,191                | -----                | 548  |
| Colo.                          | 804,430                                  | -----                 | 29,215               | 741,510               | 12,214               | 3,742  |
| N. M.                          | 191,714                                  | -----                 | 360                  | 190,752               | 588                  | 1,585  |
| Ariz.                          | 322,342                                  | -----                 | 75                   | 317,668               | 2,476                | 1,588  |
| Utah.                          | 575,394                                  | 8,196                 | 7,200                | 554,943               | 450                  | 2,100  |
| Nev.                           | 17,551                                   | -----                 | -----                | 16,885                | -----                | -----  |
| PACIFIC:                       |  |                       |                      |                       |                      |  |
| Wash.                          | 1,112,104                                | 290,653               | 378,835              | 376,945               | 22,235               | 5,500  |
| Ore.                           | 562,857                                  | 21,098                | -----                | 362,351               | 8,825                | 53,504   |
| Calif.                         | 4,629,858                                | 2,837,967             | 398,848              | 1,070,923             | 15,161               | 29,680   |

\*Totals include 7,802,285 pounds reported by miscellaneous classes of business.

Diagram 33.—Stocks of preserves, marmalades, jellies, crushed fruits, and fruit sirups reported for July 1, 1918, and July 1, 1917, by important classes of business.

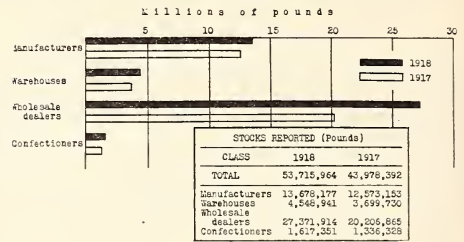


Table 45.—Comparative figures for preserves, marmalades, jellies, crushed fruits, and fruit sirups—combined stocks of manufacturers, storage houses, and wholesale dealers, by geographic divisions and states.

| GEOGRAPHIC DIVISION AND STATE. | Stocks reported for July 1, 1918. | Stocks reported for July 1, 1917. |
|--------------------------------|-----------------------------------|-----------------------------------|
|                                | Pounds.<br>53,715,964             | Pounds.<br>43,978,392             |
| United States.....             |                                   |                                   |
| GEOGRAPHIC DIVISIONS:          |                                   |                                   |
| New England.....               | 2,688,978                         | 2,934,319                         |
| Maine.....                     | 17,032,180                        | 14,974,117                        |
| East North Central.....        | 12,507,053                        | 10,681,819                        |
| West North Central.....        | 5,431,393                         | 4,099,968                         |
| South Atlantic.....            | 4,140,762                         | 3,467,317                         |
| East South Central.....        | 1,894,343                         | 1,305,993                         |
| West South Central.....        | 2,816,507                         | 2,376,993                         |
| Mountain.....                  | 2,282,955                         | 1,451,266                         |
| Pacific.....                   | 4,331,763                         | 2,666,600                         |
| New England:                   |                                   |                                   |
| Maine.....                     | 180,558                           | 126,965                           |
| New Hampshire.....             | 59,773                            | 52,202                            |
| Vermont.....                   | 17,795                            | 15,152                            |
| Massachusetts.....             | 2,119,441                         | 2,535,156                         |
| Rhode Island.....              | 186,140                           | 106,567                           |
| Connecticut.....               | 125,271                           | 118,277                           |
| MIDDLE ATLANTIC:               |                                   |                                   |
| New York.....                  | 12,731,179                        | 10,866,935                        |
| New Jersey.....                | 763,455                           | 557,447                           |
| Pennsylvania.....              | 4,127,516                         | 3,549,735                         |
| EAST NORTH CENTRAL:            |                                   |                                   |
| Ohio.....                      | 4,201,033                         | 3,849,374                         |
| Indiana.....                   | 447,722                           | 368,140                           |
| Illinois.....                  | 6,136,727                         | 5,379,390                         |
| Michigan.....                  | 1,205,459                         | 686,634                           |
| Wisconsin.....                 | 496,112                           | 398,281                           |
| WEST NORTH CENTRAL:            |                                   |                                   |
| Minnesota.....                 | 1,004,032                         | 793,194                           |
| Iowa.....                      | 859,863                           | 464,239                           |
| Missouri.....                  | 1,715,941                         | 1,091,014                         |
| North Dakota.....              | 457,038                           | 264,688                           |
| South Dakota.....              | 76,521                            | 90,425                            |
| Nebraska.....                  | 546,543                           | 770,931                           |
| Kansas.....                    | 771,455                           | 625,477                           |
| SOUTH ATLANTIC:                |                                   |                                   |
| Delaware.....                  | 26,940                            | 17,778                            |
| Maryland.....                  | 1,724,259                         | 1,717,779                         |
| District of Columbia.....      | 250,217                           | 129,802                           |
| Virginia.....                  | 375,276                           | 240,518                           |
| West Virginia.....             | 586,426                           | 449,909                           |
| North Carolina.....            | 185,519                           | 126,637                           |
| South Carolina.....            | 232,673                           | 163,399                           |
| Georgia.....                   | 320,578                           | 327,434                           |
| Florida.....                   | 409,874                           | 294,061                           |
| EAST SOUTH CENTRAL:            |                                   |                                   |
| Kentucky.....                  | 872,451                           | 486,461                           |
| Tennessee.....                 | 402,505                           | 388,384                           |
| Alabama.....                   | 466,180                           | 373,244                           |
| Mississippi.....               | 153,207                           | 57,904                            |
| WEST SOUTH CENTRAL:            |                                   |                                   |
| Arkansas.....                  | 343,823                           | 309,525                           |
| Louisiana.....                 | 332,134                           | 301,711                           |
| Oklahoma.....                  | 603,974                           | 511,328                           |
| Texas.....                     | 1,536,376                         | 1,254,229                         |
| MOUNTAIN:                      |                                   |                                   |
| Montana.....                   | 248,303                           | 134,609                           |
| Idaho.....                     | 202,822                           | 127,404                           |
| Wyoming.....                   | 58,564                            | 28,565                            |
| Colorado.....                  | 796,626                           | 491,216                           |
| New Mexico.....                | 143,115                           | 123,525                           |
| Arizona.....                   | 249,992                           | 195,835                           |
| Utah.....                      | 566,502                           | 337,296                           |
| Nevada.....                    | 17,551                            | 12,786                            |
| PACIFIC:                       |                                   |                                   |
| Washington.....                | 1,085,024                         | 455,394                           |
| Oregon.....                    | 453,147                           | 282,703                           |
| California.....                | 2,793,592                         | 1,928,903                         |